

1. A NASAL MASK AND MASK CUSHION THEREFOR

KWOK PHILIP RODNEY; STYLES ROBERT EDWARD **Assignee:** RESMED LTD; KWOK PHILIP RODNEY; STYLES ROBERT EDWARD **Publication Number:** WO9804310 **Publication date:** 02/05/1998 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

2. Breathing assistance apparatus

Smith, Nicholas Charles Alan; Gradon, Lewis George; Robertson, Christopher John **Assignee:** Fisher & Paykel Limited **Publication Number:** US6820617 **Publication date:** 11/23/2004 **Kind:** Utility Patent Grant (with pre-grant publication)

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

3. Head Band Member For Wearing Respirator Mask And Head Cradle Including Same

Moon, Jungchul **Assignee:** 3M INNOVATIVE PROPERTIES COMPANY **Publication Number:** US20180236276

Publication date: 08/23/2018 **Kind:** Patent Application Publication

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

4. SMART MASK, METHOD, SMART MASK AND APPARATUS FOR CALCULATING POLLUTANT ABSORPTION QUANTITY

ZHAO, Tong; TAO, Qun; LIU, Huayijun **Assignee:** Xiaomi Inc. **Publication Number:** EP3124083 **Publication date:** 02/01/2017 **Kind:** Patent Application Publication

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

5. Portable life support system

Caldwell, Bruce D. **Assignee:** Oceaneering International, Inc. **Publication Number:** USRE36808 **Publication date:** 08/08/2000 **Kind:** Reissue Patent

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

6. RESPIRATOR HARNESS HAVING COLLAPSIBLE HEAD CRADLE

CASTIGLIONE, David M.; MITTELSTADT, William A.; HOLMQUIST-BROWN, Thomas W. **Assignee:** 3M Innovative Properties Company **Publication Number:** EP2544769 **Publication date:** 02/21/2018 **Kind:** Patent

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

7. HEAD BAND MEMBER FOR WEARING RESPIRATOR MASK AND HEAD CRADLE INCLUDING SAME

MOON, Jungchul **Assignee:** 3M INNOVATIVE PROPERTIES COMPANY **Publication Number:** WO2017031263

Publication date: 02/23/2017 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

8. ORAL DEVICE

CUTLER, Harold E. **Assignee:** CUTLER, Harold E. **Publication Number:** WO2006052756 **Publication date:** 05/18/2006 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

9. Mobile air supply cart having dual tanks and connections allowing simultaneous filling of tank and delivery of air to a user

Nelson, Joseph M. **Publication Number:** US5396885 **Publication date:** 03/14/1995 **Kind:** Utility Patent Grant

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

10. Enhancer

Warren, David Stephen **Publication Number:** US9498665 **Publication date:** 11/22/2016 **Kind:** Patent

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

11. COOLING GARMENTS, WARMING GARMENTS, AND RELATED METHODS

DONAT, Terry L.; Smith, David **Assignee:** ISOMER, INC. **Publication Number:** US20180280225 **Publication date:** 10/04/2018 **Kind:** Patent Application Publication

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

12. Devices, for preventing collapse of the upper airway, methods for use thereof and systems and articles of manufacture including same

Bibi, Noam; Lev, Nimrod **Assignee:** Sleepup Ltd. **Publication Number:** US7823590 **Publication date:** 11/02/2010

Kind: Patent

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

13. MOLDED AUXETIC MESH AND MANUFACTURING METHOD

MARTIN, Philip, G. **Assignee:** 3M Innovative Properties Company **Publication Number:** EP2519327 **Publication date:** 04/06/2016 **Kind:** Patent

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

14. COOLING GARMENTS, WARMING GARMENTS, AND RELATED METHODS

DONAT, Terry L.; Smith, David **Assignee:** ISOMER, INC. **Publication Number:** US20170367917 **Publication date:** 12/28/2017 **Kind:** Patent Application Publication

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

15. Cooling garments, warming garments, and related methods

Donat, Terry L.; Smith, David **Assignee:** ISOMER, INC. **Publication Number:** US10010471 **Publication date:** 07/03/2018 **Kind:** Patent

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

16. Mask including integrated sound conduction for alert notification in high-noise environments

Larsen, Christopher Scott **Assignee:** Honeywell International Inc. **Publication Number:** US10065055 **Publication date:** 09/04/2018 **Kind:** Patent

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

17. BREATH CONTROL MOUTHPIECE

OKADA, Tamotsu **Publication Number:** WO2014188517 **Publication date:** 11/27/2014 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

18. FACE MASK ASSEMBLY

GERSON, Ronald L.; LAPOINTE, Pierre **Assignee:** LOUIS M. GERSON CO., INC. **Publication Number:** WO2016200625 **Publication date:** 12/15/2016 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

19. HEAT SENSOR DEVICE AND SYSTEM

GRECO, Eugene; CASTELLANOS, Marisol **Assignee:** GRECO, Eugene; CASTELLANOS, Marisol **Publication Number:** WO2008156470 **Publication date:** 12/24/2008 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

20. Respirator mask with corrective lens frame assembly

Davis, Brian E. **Assignee:** Avon Protection Systems, Inc. **Publication Number:** US8113200 **Publication date:** 02/14/2012 **Kind:** Patent

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

21. Self-Contained Breathing Apparatus Face Piece Lens Vision System

Lavoie, Barry **Publication Number:** US20170123211 **Publication date:** 05/04/2017 **Kind:** Patent Application Publication

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

22. FACE MASK ASSEMBLY

Gerson, Ronald L.; LaPointe, Pierre **Assignee:** Louis M. Gerson Co., Inc. **Publication Number:** US20180289988
Publication date: 10/11/2018 **Kind:** Patent Application Publication
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

23. Filtering Mask with Adaption to Face Shape and Method for Improving the Airtightness of Filtering Mask

TIAN, Bin **Assignee:** ZHONGKE SUNEN TECHNOLOGY (BEIJING) CO., LTD **Publication Number:** US20180311456 **Publication date:** 11/01/2018 **Kind:** Patent Application Publication
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

24. COMPUTER IMPLEMENTED COUNTDOWN TIME METHOD AND SYSTEM FOR USE WITH WEARABLE AIR FILTERS AND DISPENSABLE AIR FILTER FACE MASKS

HAREL, Henry; TESLER RACHIN, Orli; MENDELOVITCH, Itamar **Assignee:** LOTUS CLEAR AIR LTD **Publication Number:** WO2017002123 **Publication date:** 01/05/2017 **Kind:** Patent Application Publication
Database: WO Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

25. Breathing apparatus, and method for controlling temperature fluctuations

Wright, John David; Copeland, Robert James; Srinivas, Girish; Gebhard, Steven Charles; Karpuk, Michael Edward **Assignee:** TDA Research, Inc. **Publication Number:** US9597532 **Publication date:** 03/21/2017 **Kind:** Patent
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

26. Firefighter Breathing Apparatus Pack With Integrated Rescue Equipment

Denike, Richard L. **Assignee:** E.S. Safety Systems Inc. **Publication Number:** US20170128755 **Publication date:** 05/11/2017 **Kind:** Patent Application Publication
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

27. HEALTH MONITORING APPLIANCE

Tran, Bao **Publication Number:** US20140194702 **Publication date:** 07/10/2014 **Kind:** Patent Application Publication
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

28. Health monitoring appliance

Tran, Bao **Publication Number:** US8968195 **Publication date:** 03/03/2015 **Kind:** Patent
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

29. Method of manufacturing a respirator that uses a predefined curved nose foam

KALATOOR, Suresh **Assignee:** 3M Innovative Properties Company **Publication Number:** EP2043746 **Publication date:** 03/23/2011 **Kind:** Patent

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

30. RESPIRATOR THAT USES A PREDEFINED CURVED NOSE FOAM

KALATOOR, Suresh **Assignee:** 3M INNOVATIVE PROPERTIES COMPANY **Publication Number:** WO2008082700 **Publication date:** 12/11/2008 **Kind:** PUBL. OF SEARCH REPORT

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

31. RESPIRATOR THAT USES A PREDEFINED CURVED NOSE FOAM

KALATOOR, Suresh **Assignee:** 3M INNOVATIVE PROPERTIES COMPANY **Publication Number:** WO2008082700 **Publication date:** 07/10/2008 **Kind:** Patent Application Publication(Republication)

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

32. Respirator harness having collapsible head cradle

Castiglione, David M.; Mittelstadt, William A.; Holmquist-Brown, Thomas W. **Assignee:** 3M Innovative Properties Company **Publication Number:** US8839785 **Publication date:** 09/23/2014 **Kind:** Patent

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

33. Oxygen sensor mounting in medical or flight crew masks for direct indication of blood oxygen level

Bachinski, Thomas J. **Assignee:** ROSEMOUNT AEROSPACE INC. **Publication Number:** EP1245250 **Publication date:** 10/02/2002 **Kind:** APPLICATION WITHOUT SEARCH REPORT

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

34. Full-face mask and mask cushion therefor

Styles, Robert Edward; Kwok, Philip Rodney; Smart, Gregory Scott **Publication Number:** US20020174868

Publication date: 11/28/2002 **Kind:** Utility Patent Application

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

35. Respirator headpiece and release mechanism

Krauss, Kevin M.; Levin, Alan; Honan, David; Fecteau, Keith E. **Publication Number:** US20020078953 **Publication date:** 06/27/2002 **Kind:** Utility Patent Application

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

36. MASK BASED ON THE USE OF SILVER

KIM, Il Sik **Assignee:** KIM, Il Sik **Publication Number:** WO2004016318 **Publication date:** 02/26/2004 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

37. Breathing apparatus and pressure vessels therefor

Chornyj, Nicholas Anthony **Publication Number:** US20020153009 **Publication date:** 10/24/2002 **Kind:** Utility Patent Application

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

38. Surgical face mask, including reusable masks, with filtered inhalation and exhalation valves

Koehler, Richard H. **Publication Number:** US9320923 **Publication date:** 04/26/2016 **Kind:** Patent

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

39. Wearable jacket for diagnosis and endoscope system employing wearable jacket

Matsumoto, Mitsuhiro; Ito, Eiichi; Tsuda, Koji; Honjo, Masayuki **Assignee:** PENTAX Corporation **Publication Number:** US20050194012 **Publication date:** 09/08/2005 **Kind:** Utility Patent Application

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

40. FACEPIECE WITH OPEN PORT

LEUSCHNER, CARSTEN; SCHMIDTKE, KLAUS; HORN, MICHAEL; PRETE, CHRISTOPHER L.; TEKELENBURG, MARCO **Publication Number:** US20120160245 **Publication date:** 06/28/2012 **Kind:** Patent Application Publication

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

41. Breathing hood

Yule, Scott Howard; Farnworth, Brian **Assignee:** M.E.T.A. Research Inc. **Publication Number:** US5724958

Publication date: 03/10/1998 **Kind:** Utility Patent Grant

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

42. PATIENT INTERFACE

KLEE, Mareike; WILLARD, Nicolaas Petrus; VAN ZANTEN, Joyce; GERHARDT, Lutz Christian; MOHAN, Veena

Assignee: KONINKLIJKE PHILIPS N.V. **Publication Number:** WO2015091304 **Publication date:** 06/25/2015 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

43. PARTICLE FILTER MASK

FICHMAN, Reuven; GROOMI COHEN, Eliahu Uri; BEN-REY, Ariel Pinhas; ROBIN, Guy David; BODAS, Moran
Assignee: PREVENTECH LTD.; DEA R&D LTD. **Publication Number:** US20160114197 **Publication date:** 04/28/2016 **Kind:** Patent Application Publication
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

44. Modular chemical/biological headgear system

Grove, Corey M.; Chase, Stephen E.; Barker, Daniel J. **Assignee:** The United States of America as Represented by the Secretary of the Army **Publication Number:** US9155924 **Publication date:** 10/13/2015 **Kind:** Patent
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

45. HEAD GEAR ASSEMBLY AND METHOD

KRISHNASAMY, Amirtharajan; DIMEO, Michael **Assignee:** ACCUMED INNOVATIVE TECHNOLOGIES, LLC
Publication Number: WO2016085464 **Publication date:** 06/02/2016 **Kind:** Patent Application Publication
Database: WO Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

46. HELMET MOISTURE CONTROL SYSTEM

YOUNTS, JOHN N. **Publication Number:** US20140345627 **Publication date:** 11/27/2014 **Kind:** Patent Application Publication
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

47. Data communication and displays for breathing apparatus facepieces and pressure regulators

Leuschner, Carsten; Schmidtke, Klaus; Tekelenburg, Marco; Horn, Michael; Kielow, Detlef; Kuba, Thomas **Assignee:** MSA TECHNOLOGY, LLC **Publication Number:** US9108073 **Publication date:** 08/18/2015 **Kind:** Patent
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

48. Headgear for masks

Formica, Justin; Barbara, Anthony Paul; Dravitzki, Brent; Gunning, Philip John **Assignee:** ResMed Limited
Publication Number: US8950404 **Publication date:** 02/10/2015 **Kind:** Patent
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

49. Cushioning structure

Skipper, Christopher Scott; Spruell, Matthew David; Gudiksen, Joshua Adam; Carroll, Fiona Catherine; Nickol, Johannes; Burz, Johann Sebastian; Biener, Achim; Lang, Bernd Christoph; Wang, Teresa **Assignee:** ResMed Limited
Publication Number: US9132255 **Publication date:** 09/15/2015 **Kind:** Patent
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

50. METHOD AND DEVICE TO MONITOR INFECTIOUS PATIENTS

DHEDA, Keertan Unkha Jairam; THERON, Grant De Vos; JOHN, Lester Ryan; SIVARASU, Sudesh **Assignee:** UNIVERSITY OF CAPE TOWN **Publication Number:** WO2015166444 **Publication date:** 11/05/2015 **Kind:** Patent Application Publication
Database: WO Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

51. Face mask with unidirectional multi-flap valve

Martin, Philip G.; Domroese, Michael K. **Assignee:** 3M Innovative Properties Company **Publication Number:** US8757156 **Publication date:** 06/24/2014 **Kind:** Patent
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

52. DATA COMMUNICATION AND DISPLAYS FOR BREATHING APPARATUS FACEPIECES AND PRESSURE REGULATORS

LEUSCHNER, Carsten; SCHMIDTKE, Klaus; TEKELENBURG, Marco; HORN, Michael; KIELOW, Detlef; KUBA, Thomas **Assignee:** Mine Safety Appliances Company **Publication Number:** EP2588202 **Publication date:** 05/08/2013 **Kind:** Patent Application Publication
Database: EP Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

53. PATIENT INTERFACE

KLEE, Mareike; WILLARD, Nicolaas Petrus; VAN ZANTEN, Joyce; GERHARDT, Lutz Christian; MOHAN, Veena **Assignee:** Koninklijke Philips N.V. **Publication Number:** EP3082924 **Publication date:** 10/26/2016 **Kind:** Patent Application Publication
Database: EP Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

54. KIOSK FOR CUSTOMIZING FACIAL BREATHING MASKS

JIN, Zhao Xia; QIN, Ning; ZHENG, Jimmy **Assignee:** HONEYWELL INTERNATIONAL INC. **Publication Number:** WO2015195303 **Publication date:** 12/23/2015 **Kind:** Patent Application Publication
Database: WO Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

55. Health mask

Bookyung Lee **Assignee:** Bookyung Lee **Publication Number:** EP1366784 **Publication date:** 12/03/2003 **Kind:** APPLICATION WITH SEARCH REPORT
Database: EP Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

56. DATA COMMUNICATION AND DISPLAYS FOR BREATHING APPARATUS FACEPIECES AND PRESSURE REGULATORS

LEUSCHNER, Carsten; SCHMIDTKE, Klaus; TEKELENBURG, Marco; HORN, Michael; KIELOW, Detlef; KUBA, Thomas **Assignee:** MINE SAFETY APPLIANCES COMPANY **Publication Number:** WO2012003132 **Publication date:** 01/05/2012 **Kind:** Patent Application Publication
Database: WO Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

57. Breathing apparatus

Henneman, John W.; Flood, Michael G. **Publication Number:** US4186735 **Publication date:** 02/05/1980 **Kind:** Utility Patent Grant

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

58. Breathing device

Vicenzi, Reno L. **Assignee:** Figgie International Inc. **Publication Number:** US4537189 **Publication date:** 08/27/1985

Kind: Utility Patent Grant

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

59. BREATHING MASK FOR WEARING WITH OR WITHOUT A SAFETY HELMET

SCHMIDTKE, Klaus; HOFFMANN, Wilfried; HORN, Michael; SCHOMMER, Elmar **Assignee:** MSA Auer GmbH

Publication Number: EP1776163 **Publication date:** 01/25/2012 **Kind:** Patent

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

60. MASK AND ITS MANUFACTURING METHOD

YAO, Aijun **Assignee:** YAO, Aijun **Publication Number:** WO2009092328 **Publication date:** 07/30/2009 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

61. Disposable face mask with enhanced fluid barrier

Rich, Jr., Albert R.; Raspberry, Frank D.; Brunson, Kevin K. **Assignee:** Tecno! Medical Products, Inc. **Publication**

Number: US5724964 **Publication date:** 03/10/1998 **Kind:** Utility Patent Grant

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

62. BREATHING MASK FOR WEARING WITH OR WITHOUT A SAFETY HELMET

SCHMIDTKE, KLAUS; HOFFMANN, WILFRIED; HORN, MICHAEL; SCHOMMER, ELMAR **Assignee:** MSA AUER

GMBH; SCHMIDTKE, KLAUS; HOFFMANN, WILFRIED; HORN, MICHAEL; SCHOMMER, ELMAR **Publication**

Number: WO2006012870 **Publication date:** 02/09/2006 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

63. MASK WITH LEAK PREVENTING SECTION

MAKIUCHI, Nagomi **Assignee:** 3M INNOVATIVE PROPERTIES COMPANY; MAKIUCHI, Nagomi **Publication**

Number: WO2011116173 **Publication date:** 01/19/2012 **Kind:** PUBL. OF SEARCH REPORT

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

64. Gas mask filter canister

Friday, David K.; Schlaechter, John; Ballantyne, Wayne E.; Puhala, Robert J.; Pike, David W. **Assignee:** Avon Protection Systems, Inc. **Publication Number:** US8292991 **Publication date:** 10/23/2012 **Kind:** Patent
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

65. VENT AND STRAP FASTENING SYSTEM FOR A DISPOSABLE RESPIRATOR

WELCHEL, Debra N.; GEHLING, Steven C.; KISH, Teri; STEINDORF, Eric C. **Assignee:** KIMBERLY-CLARK WORLDWIDE, INC.; WELCHEL, Debra N.; GEHLING, Steven C.; KISH, Teri; STEINDORF, Eric C. **Publication Number:** WO2009022249 **Publication date:** 02/19/2009 **Kind:** Patent Application Publication(Republication)
Database: WO Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

66. MASK WITH LEAK PREVENTING SECTION

MAKIUCHI, Nagomi **Assignee:** 3M INNOVATIVE PROPERTIES COMPANY; MAKIUCHI, Nagomi **Publication Number:** WO2011116173 **Publication date:** 09/22/2011 **Kind:** Patent Application Publication(Republication)
Database: WO Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

67. GAS MASK FILTER CANISTER

Friday, David K.; Schlaechter, John; Ballantyne, Wayne E.; Puhala, Robert J.; Pike, David W. **Assignee:** AVON PROTECTION SYSTEMS, INC. **Publication Number:** US20120167889 **Publication date:** 07/05/2012 **Kind:** Patent Application Publication
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

68. Easy gripping face mask

Harris, Linda G.; Griesbach, III, Henry L. **Assignee:** Kimberly-Clark Worldwide, Inc. **Publication Number:** US6948499 **Publication date:** 09/27/2005 **Kind:** Utility Patent Grant (with pre-grant publication)
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

69. NASAL MASK AND MASK CUSHION THEREFOR

KWOK, PHILIP RODNEY; STYLES, ROBERT EDWARD **Publication Number:** US20020029781 **Publication date:** 03/14/2002 **Kind:** Utility Patent Application
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

70. Nasal mask for CPAP having ballooning/moulding seal with wearer's nose and facial contours

Sullivan, Colin E.; Bruderer, Jakob W. **Assignee:** The University of Sydney **Publication Number:** US5243971 **Publication date:** 09/14/1993 **Kind:** Utility Patent Grant
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

71. CREW OXYGEN MASK WITH PNEUMATIC COMFORT ADJUSTMENT

AULGUR, Charles, C.; DIPASQUALE, David, A.; MCDONALD, Thomas, K.; KIDD, Alan E. **Assignee:** PURITAN-BENNETT CORPORATION **Publication Number:** EP401307 **Publication date:** 12/12/1990 **Kind:** APPLICATION WITH SEARCH REPORT

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

72. BODY SIGN DYNAMICALLY MONITORING SYSTEM

WU, Jiankang **Assignee:** WU, Jiankang **Publication Number:** WO2009015552 **Publication date:** 02/05/2009 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

73. A BREATHING MASK

EBELING OLAVI **Assignee:** MEGSENT INSINOEOERITOIMISTO **Publication Number:** WO9211888 **Publication date:** 07/23/1992 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

74. SELF-ELONGATING OXYGEN HOSE FOR STOWABLE AVIATION CREW OXYGEN MASK

McDONALD, THOMAS, K.; HANNAH, Gary, R. **Assignee:** BE INTELLECTUAL PROPERTY, INC. **Publication Number:** WO3004099 **Publication date:** 10/30/2003 **Kind:** PUBL. OF SEARCH REPORT

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

75. SELF-ELONGATING OXYGEN HOSE FOR STOWABLE AVIATION CREW OXYGEN MASK

MCDONALD THOMAS K; HANNAH GARY R **Assignee:** BE INTELLECTUAL PTY INC; MCDONALD THOMAS K; HANNAH GARY R **Publication Number:** WO3004099 **Publication date:** 01/16/2003 **Kind:** Patent Application Publication(Republication)

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

76. Sleep disorder diagnostic system and method

Kwok, Philip Rodney; Hill, Phoebe Katherine; Primrose, Rohan Neil; Peake, Gregory Robert; Bertinetti, Mark

Assignee: ResMed Limited **Publication Number:** US20070049842 **Publication date:** 03/01/2007 **Kind:** Utility Patent Application

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

77. Filtering Face Mask with a Unidirectional Valve Having a Stiff Unbiased Flexible Flap

MARTIN, Philip G. **Publication Number:** US20070144524 **Publication date:** 06/28/2007 **Kind:** Utility Patent Application

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

78. Surgical gown

Ignon, Roger G.; Thomas, Jr., Ronald E **Assignee:** Stackhouse, Inc. **Publication Number:** US5588153 **Publication date:** 12/31/1996 **Kind:** Utility Patent Grant

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

79. GARMENT COMPRISING MEDICAL SENSORS

MARMAROPOULOS, George; VAN HEERDEN, Clive, R. **Assignee:** KONINKLIJKE PHILIPS ELECTRONICS N.V.

Publication Number: WO3034890 **Publication date:** 05/01/2003 **Kind:** Patent Application Publication(Republication)

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

80. Headgear for noninvasive ventilation interface

Reed, Christopher B.; Lau, Greg Y. **Assignee:** Ventlab Corporation **Publication Number:** US20060196511

Publication date: 09/07/2006 **Kind:** Utility Patent Application

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

81. Respirator containing filter cases

Lin, Jing-Jyr **Publication Number:** US7237550 **Publication date:** 07/03/2007 **Kind:** Utility Patent Grant (no pre-grant publication)

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

82. Assisted breathing device and method of wearing same

Cannon, James L. **Publication Number:** US20060005840 **Publication date:** 01/12/2006 **Kind:** Utility Patent Application

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

83. RESPIRATOR

SMITH, Megan, C. H.; WELCHEL, Debra, N.; REDDY, Kiran, K.; VELAZQUEZ, Herb, F.; KROLL, Russell, J.; PALERMO, Philip, D.; HISATA, Suzuko **Assignee:** KIMBERLY-CLARK WORLDWIDE, INC.; SMITH, Megan, C. H.; WELCHEL, Debra, N.; REDDY, Kiran, K.; VELAZQUEZ, Herb, F.; KROLL, Russell, J.; PALERMO, Philip, D.; HISATA, Suzuko **Publication Number:** WO2007125487 **Publication date:** 11/08/2007 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

84. Directional Flat Face Mask

Bowen, Michael L. **Publication Number:** US20090205666 **Publication date:** 08/20/2009 **Kind:** Patent Application Publication

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

85. Full-face mask and mask cushion therefor

Kwok, Philip Rodney; Styles, Robert Edward; Smart, Gregory Scott **Assignee:** ResMed Limited **Publication Number:** US8056561 **Publication date:** 11/15/2011 **Kind:** Patent

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

86. Full face flexible oxygen mask for use with flight helmets

Hannah, Gary R; Frogley, Kirsten S; McDonald, Thomas K **Assignee:** Be Intellectual Property, Inc. **Publication Number:** US8028700 **Publication date:** 10/04/2011 **Kind:** Patent

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

87. SLEEP DISORDER MONITORING AND DIAGNOSTIC SYSTEM

BRADLEY, Donald, Carmon **Assignee:** BRAEBON MEDICAL CORPORATION; BRADLEY, Donald, Carmon **Publication Number:** WO2006133548 **Publication date:** 12/21/2006 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

88. REPLACEMENT LENS CARTRIDGE

GAUTHIER, Felix; LAMONTAGNE, Marc; DANG DUC, Bach **Assignee:** HONEYWELL INTERNATIONAL, INC.; GAUTHIER, Felix; LAMONTAGNE, Marc; DANG DUC, Bach **Publication Number:** WO2012009659 **Publication date:** 01/19/2012 **Kind:** Patent Application Publication(Republication)

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

89. BREATHING APPARATUS WITH ULTRAVIOLET LIGHT EMITTING DIODE

ZHOU, Ling; GAO, Ying **Assignee:** ZHOU, Ling; GAO, Ying **Publication Number:** WO2012151204 **Publication date:** 11/08/2012 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

90. RESPIRATOR CONTAINING FILTER CASES

Lin, Jing-Jyr **Publication Number:** US20070163593 **Publication date:** 07/19/2007 **Kind:** Utility Patent Application

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

91. BANDANA FOR A BREATHING FILTER ELEMENT

Colorado, Juancarlos **Publication Number:** US20080184996 **Publication date:** 08/07/2008 **Kind:** Patent Application Publication

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

92. VENT AND STRAP FASTENING SYSTEM FOR A DISPOSABLE RESPIRATOR PROVIDING IMPROVED DONNING

WELCHEL, Debra N.; KISH, Teri; STEINDORF, Eric C.; GEHLING, Steven C.; BELTZ, Andrew J.; MCCOY, Theresa Michelle **Assignee:** KIMBERLY-CLARK WORLDWIDE, INC.; WELCHEL, Debra N.; KISH, Teri; STEINDORF, Eric C.; GEHLING, Steven C.; BELTZ, Andrew J.; MCCOY, Theresa Michelle **Publication Number:** WO2009022248
Publication date: 02/19/2009 **Kind:** Patent Application Publication(Republication)

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

93. Face-wearing humidifier

Takeuchi, Naohito; Miyazawa, Kiyoshi; Teraoka, Hiromi; Hanajiri, Takeshi **Assignee:** Uni-Charm Corporation
Publication Number: US7036503 **Publication date:** 05/02/2006 **Kind:** Utility Patent Grant (with pre-grant publication)

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

94. Speech transmission adaptor for use with a respirator mask

Palazzotto, Joyce B.; Carpenter, Harold R. **Assignee:** 3M Innovative Properties Company **Publication Number:** US7234462 **Publication date:** 06/26/2007 **Kind:** Utility Patent Grant (with pre-grant publication)

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

95. Hunting mask

White, Mark **Publication Number:** US5697105 **Publication date:** 12/16/1997 **Kind:** Utility Patent Grant

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

96. GARMENT COMPRISING MEDICAL SENSORS

MARMAROPOULOS, George; VAN HEERDEN, Clive, R. **Assignee:** KONINKLIJKE PHILIPS ELECTRONICS N.V.
Publication Number: WO3034890 **Publication date:** 06/17/2004 **Kind:** PUBL. OF SEARCH REPORT

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

97. FLEXIBLE PAD, BREATHING COVER STRUCTURE, AND BREATHING INTERFACE

LEI, Mingchu; LI, Yingying **Assignee:** RESGOOD MEDICAL CO., LTD **Publication Number:** WO2020073840
Publication date: 04/16/2020 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

98. Flow indicator

Church, Colin Arthur, c/o Middlemace Limited **Assignee:** MIDDLEMACE LIMITED **Publication Number:** EP602847
Publication date: 06/22/1994 **Kind:** APPLICATION WITH SEARCH REPORT

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

99. HALF-MASK RESPIRATOR WITH HEAD HARNESS ASSEMBLY

BROSTROM GERALD M; CASTIGLIONE DAVID M; MITTELSTADT WILLIAM A; SOLYNTJES ALAN J **Assignee:** 3M INNOVATIVE PROPERTIES CO **Publication Number:** WO172156 **Publication date:** 10/04/2001 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

100. BREATHING MASK ADJUSTER

FOURNIER, Éric; BASSON, Gilles; GUAY, Louis **Assignee:** BOMBARDIER INC. **Publication Number:** WO3076019 **Publication date:** 09/18/2003 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

101. SECURED VENTILATED BREATHING DEVICE, IN PARTICULAR FOR HOSTILE MEDIUM

TUFFERY, Swan **Assignee:** DELTA PROTECTION **Publication Number:** WO2005110547 **Publication date:** 11/24/2005 **Kind:** Patent Application Publication(Republication)

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

102. Nebulizer, filter or inhalant mask encouraging use thereof

Ming, Christopher Koo Khim **Publication Number:** US7726314 **Publication date:** 06/01/2010 **Kind:** Patent

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

103. SECURED VENTILATED BREATHING DEVICE, IN PARTICULAR FOR HOSTILE MEDIUM

TUFFERY SWAN **Assignee:** DELTA PROT; TUFFERY SWAN **Publication Number:** WO2005110547 **Publication date:** 03/16/2006 **Kind:** PUBL. OF SEARCH REPORT

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

104. Face mask assembly

Gerson, Ronald L.; LaPointe, Pierre **Assignee:** Louis M. Gerson Co., Inc. **Publication Number:** US9993668

Publication date: 06/12/2018 **Kind:** Patent

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

105. Wearable Apparatus

Hou, Dianjie **Assignee:** BOE Technology Group Co., Ltd. **Publication Number:** US20170128754 **Publication date:** 05/11/2017 **Kind:** Patent Application Publication

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

106. High performance ventilatory training mask incorporating multiple and adjustable air admittance valves for replicating various encountered altitude resistances

Danford, Casey J. **Publication Number:** US9067086 **Publication date:** 06/30/2015 **Kind:** Patent

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

107. Ventilator mask and system

Kwok, Philip Rodney **Publication Number:** US20060237013 **Publication date:** 10/26/2006 **Kind:** Utility Patent Application

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

108. CUSTOM-CONTROLLABLE POWERED RESPIRATOR FACE MASK

SHEN, Jennifer; XIANG, Robin; CHEN, Matthew; SHEN, Jerry; HUA, Mark **Assignee:** HONEYWELL INTERNATIONAL INC. **Publication Number:** US20190275359 **Publication date:** 09/12/2019 **Kind:** Patent Application Publication

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

109. CPAP stabilizing hat

Reynolds, Paula; Metzgar, Lori Anne **Publication Number:** US9072856 **Publication date:** 07/07/2015 **Kind:** Patent

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

110. Nasal mask

Wang, Dave **Publication Number:** US7451764 **Publication date:** 11/18/2008 **Kind:** Patent

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

111. RESPIRATOR WITH EXHALATION VENTS

WELCHEL, Debra, N.; SMITH, Megan, C. H.; REDDY, Kiran, K.; VELAZQUEZ, Herb, F.; STEINDORF, Eric, C.; PETERS, Timothy, J.; KROLL, Russell, J.; PALERMO, Philip, D.; HISATA, Suzuko **Assignee:** KIMBERLY-CLARK WORLDWIDE, INC.; WELCHEL, Debra, N.; SMITH, Megan, C. H.; REDDY, Kiran, K.; VELAZQUEZ, Herb, F.; STEINDORF, Eric, C.; PETERS, Timothy, J.; KROLL, Russell, J.; PALERMO, Philip, D.; HISATA, Suzuko **Publication Number:** WO2007125499 **Publication date:** 11/08/2007 **Kind:** Patent Application Publication(Republication)

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

112. WEARABLE AIR PURIFICATION DEVICE

KE, Rui; ZIMMER, Christiaan; JOUSMA, Hendrik Richard; NGUYEN, Thanh Trung; KOOIJMAN, Gerben **Assignee:** KONINKLIJKE PHILIPS N.V. **Publication Number:** WO2016096775 **Publication date:** 06/23/2016 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

113. RESPIRATOR WITH EXHALATION VENTS

WELCHEL, Debra, N.; SMITH, Megan, C. H.; REDDY, Kiran, K.; VELAZQUEZ, Herb, F.; STEINDORF, Eric, C.; PETERS, Timothy, J.; KROLL, Russell, J.; PALERMO, Philip, D.; HISATA, Suzuko **Assignee:** KIMBERLY-CLARK WORLDWIDE, INC.; WELCHEL, Debra, N.; SMITH, Megan, C. H.; REDDY, Kiran, K.; VELAZQUEZ, Herb, F.; STEINDORF, Eric, C.; PETERS, Timothy, J.; KROLL, Russell, J.; PALERMO, Philip, D.; HISATA, Suzuko **Publication Number:** WO2007125499 **Publication date:** 03/27/2008 **Kind:** PUBL. OF SEARCH REPORT
Database: WO Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

114. Apparel with ultrasonic position sensing and haptic feedback for activities

Kim, Ernest **Assignee:** NIKE, Inc. **Publication Number:** US10055948 **Publication date:** 08/21/2018 **Kind:** Patent
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

115. Nasal mask and mask cushion therefor

Kwok, Philip Rodney; Styles, Robert Edward **Publication Number:** US20020005200 **Publication date:** 01/17/2002
Kind: Utility Patent Application
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

116. APPAREL WITH ULTRASONIC POSITION SENSING AND HAPTIC FEEDBACK FOR ACTIVITIES

Kim, Ernest **Assignee:** NIKE, Inc. **Publication Number:** US20180322746 **Publication date:** 11/08/2018 **Kind:** Patent Application Publication
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

117. VENTILATION MASK WITH CONTINUOUS SEAL CONNECTED BY RESILIENT CUSHION

Rudolph, Kevin A. **Publication Number:** US20080230068 **Publication date:** 09/25/2008 **Kind:** Patent Application Publication
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

118. UTILITY SCARF

Leathers, Donis **Publication Number:** US20170208881 **Publication date:** 07/27/2017 **Kind:** Patent Application Publication
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

119. Mask seal interface

Laghi, Aldo A. **Assignee:** Alps South, LLC **Publication Number:** US7717114 **Publication date:** 05/18/2010 **Kind:** Patent
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

120. RESPIRATOR NEGATIVE PRESSURE FIT CHECK DEVICES AND METHODS

Mittelstadt, William A.; Raines, III, Carl W.; Stein, David R.; Abel, Nathan A.; Blomberg, David M.; Cowell, Michael J.; Dwyer, Gary E.; Insley, Thomas I.; Svendsen, Michael J. **Assignee:** 3M INNOVATIVE PROPERTIES COMPANY
Publication Number: US20140216474 **Publication date:** 08/07/2014 **Kind:** Patent Application Publication
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

121. Speech and hearing device for breathing apparatuses

Bänziger, Fritz Arthur; Klein, Peter **Assignee:** Drägerwerk Aktiengesellschaft **Publication Number:** EP238937
Publication date: 09/30/1987 **Kind:** APPLICATION WITH SEARCH REPORT
Database: EP Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

122. Combination anti-g and pressure suit

Publication Number: US5007893 **Publication date:** 04/16/1991 **Kind:** Utility Patent Grant
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

123. Face Mask System

Al Malki, Khalid H. **Publication Number:** US20170208876 **Publication date:** 07/27/2017 **Kind:** Patent Application Publication
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

124. Face mask

Adler, Harold A. **Publication Number:** US5357947 **Publication date:** 10/25/1994 **Kind:** Utility Patent Grant
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

125. Ventilation mask with continuous seal connected by resilient cushion

Rudolph, Kevin A. **Assignee:** Hans Rudolph, Inc. **Publication Number:** US8136523 **Publication date:** 03/20/2012
Kind: Patent
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

126. Chemical/biological special operations mask

Hofmann, Jeffery S.; Grove, Corey M.; Chase, Stephen E. **Assignee:** The United States of America as represented by the Secretary of the Army **Publication Number:** US6763835 **Publication date:** 07/20/2004 **Kind:** Utility Patent Grant (no pre-grant publication)
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

127. Respirators

Ernsting, John; Morgan, Thomas R.; Palmer, Leonard F. W.; Rivers, Alfred J.; Robson, Stephen M. **Assignee:** The Secretary of State for Defence in Her Britannic Majesty's Government of the United Kingdom of Gr; The United States of America as represented by the Secretary of the Air Force **Publication Number:** USRE31424 **Publication date:** 10/25/1983 **Kind:** Reissue Patent

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

128. Low temperature thermal insulation garment utilizing the wearer's exhalant

Sengupta, Anita; Anderson, Abraham **Publication Number:** US6415453 **Publication date:** 07/09/2002 **Kind:** Utility Patent Grant (no pre-grant publication)

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

129. Face Mask System

Al Malki, Khalid Hassan **Publication Number:** US20140237695 **Publication date:** 08/28/2014 **Kind:** Patent Application Publication

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

130. SOFT AND ELASTIC JACKET

NI, Qingmei; LIU, Tongjuan; SHIMIZU, Toshiaki; LIU, Juan; MURAKAMI, Masanari **Assignee:** Toray Fibers & Textile Research Laboratories (China) Co., Ltd.; Toray Industries (HongKong) Ltd. (THK) **Publication Number:** EP2540175 **Publication date:** 01/02/2013 **Kind:** Patent Application Publication

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

131. See-through mask

Lee, Sea-Won **Publication Number:** US20060230485 **Publication date:** 10/19/2006 **Kind:** Utility Patent Application

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

132. SOFT AND ELASTIC JACKET

NI, Qingmei; LIU, Tongjuan; SHIMIZU, Toshiaki; LIU, Juan **Assignee:** TOROY FIBERS & TEXTILE RESEARCH LABORATORIES (CHINA) CO., LTD; NI, Qingmei; LIU, Tongjuan; SHIMIZU, Toshiaki; LIU, Juan **Publication Number:** WO2011100881 **Publication date:** 08/25/2011 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

133. MASK

LIM, Mee Young **Publication Number:** WO2015167098 **Publication date:** 11/05/2015 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

134. SEE-THROUGH MASK

LEE, Sea-Won **Assignee:** LEE, Se-Yup **Publication Number:** WO2004101074 **Publication date:** 11/25/2004 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

135. INTERLOCK SYSTEM FOR A RESPIRATOR WAIST BELT

KREPEL, Kenneth J.; HU, Jia; PILGRIM, John M. **Assignee:** 3M Innovative Properties Company **Publication Number:** EP2814578 **Publication date:** 01/09/2019 **Kind:** Patent

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

136. Interlock system for a respirator waist belt

Krepel, Kenneth J.; Hu, Jia; Pilgrim, John M. **Assignee:** 3M Innovative Properties Company **Publication Number:** US10406387 **Publication date:** 09/10/2019 **Kind:** Patent

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

137. GARMENT WITH SAFETY FEATURES

McGinnis, Sean Duane; Espino Gonzalez, Paul; Enerson, Jeffrey Ryan **Assignee:** TELEPORT L.A. CORPORATION **Publication Number:** US20160270728 **Publication date:** 09/22/2016 **Kind:** Patent Application Publication

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

138. Wearable low pressure warning device with audio and visual indication

Patil, Swapnil Gopal; Kumar, Garaga Phani; Tuffery, Swan **Assignee:** Honeywell International Inc. **Publication Number:** US9000913 **Publication date:** 04/07/2015 **Kind:** Patent

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

139. INTERLOCK SYSTEM FOR A RESPIRATOR WAIST BELT

KREPEL, Kenneth J.; HU, Jia; PILGRIM, John M. **Assignee:** 3M Innovative Properties Company **Publication Number:** EP2814578 **Publication date:** 12/24/2014 **Kind:** Patent Application Publication(Republication)

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

140. INTERLOCK SYSTEM FOR A RESPIRATOR WAIST BELT

KREPEL, Kenneth J.; HU, Jia; PILGRIM, John M. **Assignee:** 3M INNOVATIVE PROPERTIES COMPANY **Publication Number:** WO2013122764 **Publication date:** 04/10/2014 **Kind:** PUBL. OF SEARCH REPORT

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

141. Padded, flexible encasing for body monitoring systems in fabrics

Chong Rodriguez, Alicia; Abarca Abarca, Monica Lucia **Assignee:** Bloomer Health Tech., Inc. **Publication Number:** US10456080 **Publication date:** 10/29/2019 **Kind:** Patent

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

142. HEAD BAND MEMBER FOR WEARING RESPIRATOR MASK AND HEAD CRADLE INCLUDING SAME

MOON, Jungchul **Assignee:** 3M Innovative Properties Company **Publication Number:** EP3337574 **Publication date:** 06/27/2018 **Kind:** Patent Application Publication

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

143. Safety face mask with integrated sensor for monitoring live functions

Töpfer, Lothar, Dipl.-Ing.; Weiland, Christine, Dr. med.; Rath, Alfred, Dipl.-Ing. **Assignee:** Drägerwerk Aktiengesellschaft **Publication Number:** EP303056 **Publication date:** 02/15/1989 **Kind:** APPLICATION WITH SEARCH REPORT

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

144. EXPLOSIVE ORDINANCE DISPOSAL (EOD) UNITIZED BOMB DISPOSAL SUIT

Neal, Murray L. **Publication Number:** US20140260939 **Publication date:** 09/18/2014 **Kind:** Patent Application Publication

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

145. Respirator with Phase Change Material

Sabolis, Alyssa Whitney; Parham, Michael; Quiring, Amy Elizabeth; Voss, Ethan David; SEPPÄLÄ, Antti; Roberts, Gareth; Wilson, Graham Peter; Baker, Troy Alan; Tucker, Carl Escort **Assignee:** Scott Technologies, Inc. **Publication Number:** US20160001101 **Publication date:** 01/07/2016 **Kind:** Patent Application Publication

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

146. Operationally adaptable chemical-biological mask

Grove, Corey M.; Chase, Stephen E. **Assignee:** The United States of America as represented by the Secretary of the Army **Publication Number:** US7028688 **Publication date:** 04/18/2006 **Kind:** Utility Patent Grant (no pre-grant publication)

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

147. Multipurpose mask

Fernandez DeCastro, Aurora L. **Publication Number:** US7044127 **Publication date:** 05/16/2006 **Kind:** Utility Patent Grant (no pre-grant publication)

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

148. SHOE WITH INTEGRALLY CONNECTED SLEEVE

NOORZAI, AVA; NOORZAI, SOPHIA; NOORZAI, OLIVIA; NOORZAI, HANA; NOORZAI, JENNIFER; NOORZAI, MUSTAFA **Publication Number:** US20170340276 **Publication date:** 11/30/2017 **Kind:** Patent Application Publication
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

149. Helmet Having A Filter

Hanlon, David **Publication Number:** US20080006268 **Publication date:** 01/10/2008 **Kind:** Utility Patent Application
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

150. Respirator

Church, Colin; Dampney, Ian **Assignee:** Helmet Integrated Systems Limited **Publication Number:** US7810492
Publication date: 10/12/2010 **Kind:** Patent
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

151. Environmental mask

Farmer, Charlene C. **Publication Number:** US5603317 **Publication date:** 02/18/1997 **Kind:** Utility Patent Grant
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

152. Respirator waist belt

Hu, Jia; Krepel, Kenneth J.; Pilgrim, John M. **Assignee:** 3M Innovative Properties Company **Publication Number:** US9119975 **Publication date:** 09/01/2015 **Kind:** Patent
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

153. DECONTAMINATION OF RESCUE AND DISASTER WORKERS USING OZONE GAS

COPP, Douglas **Assignee:** COPP, Douglas **Publication Number:** WO100278 **Publication date:** 07/05/2001 **Kind:** PUBL. OF SEARCH REPORT
Database: WO Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

154. DECONTAMINATION OF RESCUE AND DISASTER WORKERS USING OZONE GAS

COPP, Douglas **Assignee:** COPP, Douglas **Publication Number:** WO100278 **Publication date:** 01/04/2001 **Kind:** Patent Application Publication(Republication)
Database: WO Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

155. Combination fire emergency night light and smoke inhalation prevention escape mask

Shapiro, Buddy R. **Publication Number:** US5483956 **Publication date:** 01/16/1996 **Kind:** Utility Patent Grant
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

156. Yarn with specific properties

von Blücher, Hubert; von Blücher, Hasso; de Ruitter, Ernest, Dr. **Assignee:** von Blücher, Hubert; von Blücher, Hasso; de Ruitter, Ernest, Dr. **Publication Number:** EP110287 **Publication date:** 06/13/1984 **Kind:** APPLICATION WITH SEARCH REPORT

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

157. Breathing mask

Tayebi, Amad **Assignee:** Better Breathing, Inc. **Publication Number:** US5419318 **Publication date:** 05/30/1995

Kind: Utility Patent Grant

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

158. Diving umbilical cable

Kendall, Jr., Clarence E.; Moore, Boyd B. **Assignee:** Custom Cable Company **Publication Number:** US4140114

Publication date: 02/20/1979 **Kind:** Utility Patent Grant

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

159. RESPIRATOR SEALS

TRUEX, Bryan, I.; MIHAYLOV, Gueorgui, M. **Assignee:** NEXTTEQ LLC **Publication Number:** WO2017112750

Publication date: 06/29/2017 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

160. ELECTRONIC PERSONNEL ACCOUNTABILITY REPORT (EPAR) INTEGRATION

SHANKO, Jerome Jr.; CANNON, Jason R.; PARSON, William E.; BARBEE, Wesley M.; SHANNON, Matthew;

SABOLCIK, Michael S. **Assignee:** 3M INNOVATIVE PROPERTIES COMPANY **Publication Number:**

WO2020075043 **Publication date:** 04/16/2020 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

161. Retractable Headphone Visor and Air Filtration System

Kaye, Evan John **Publication Number:** US20170112203 **Publication date:** 04/27/2017 **Kind:** Patent Application Publication

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

162. Respirator negative pressure fit check devices and methods

Mittelstadt, William A.; Raines, III, Carl W.; Stein, David R.; Abel, Nathan A.; Blomberg, David M.; Cowell, Michael J.;

Dwyer, Gary E.; Insley, Thomas I.; Svendsen, Michael J. **Assignee:** 3M Innovative Properties Company **Publication**

Number: US9950202 **Publication date:** 04/24/2018 **Kind:** Patent

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

163. FACE MASK

TANG, TIEH-CHUN **Publication Number:** US20170209719 **Publication date:** 07/27/2017 **Kind:** Patent Application Publication

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

164. BREATHING APPARATUS WITH ULTRAVIOLET LIGHT EMITTING DIODE

ZHOU, Ling; HU, Fang **Publication Number:** WO2016003604 **Publication date:** 01/07/2016 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

165. EMERGENCY BREATHING APPARATUS INCORPORATING GAS STORAGE VESSEL COMPRISING A POLYMERIC CONTAINER SYSTEM FOR PRESSURIZED FLUIDS

IZUCHUKWU, John, I.; SANDERS, Stan, A. **Assignee:** MALLINCKRODT INC. **Publication Number:** WO238220 **Publication date:** 05/16/2002 **Kind:** Patent Application Publication(Corrected Publication)

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

166. BREATHING MASK WITH DISPLAY DEVICE

MATTINSON, Fredrik; SVEDENKRANS, Göte **Assignee:** SAAB AB **Publication Number:** WO2005016046

Publication date: 02/24/2005 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

167. GARMENT WITH SAFETY FEATURES

McGINNIS, Sean Duane; ENERSON, Jeffrey Ryan **Assignee:** TELEPORT L.A. CORPORATION **Publication Number:** US20200069251 **Publication date:** 03/05/2020 **Kind:** Patent Application Publication

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

168. REMAINING SERVICE LIFE INDICATION FOR GAS MASK CARTRIDGES AND CANISTERS

TRUEX, Bryan, I.; GUEORGUI, Mihaylov **Assignee:** Nextteq, LLC **Publication Number:** EP2613832 **Publication date:** 07/17/2013 **Kind:** Patent Application Publication

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

169. Face mask that has a filtered exhalation valve

Peterson, Jane K.; Japuntich, Daniel A.; Baumann, Nicholas R.; Henderson, Christopher P.; McCullough, Nicole V.; Bryant, John W.; Penning, Bruce E. **Assignee:** 3M Innovative Properties Company **Publication Number:** US6805124 **Publication date:** 10/19/2004 **Kind:** Utility Patent Grant (with pre-grant publication)

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

170. BREATHING ASSISTANCE FACE MASK AND METHOD OF ITS CONTROL

SU, Wei; CHEN, Weizhong; BOUMA, Peter, Hermanus; VAN DER SLUIS, Paul **Assignee:** KONINKLIJKE PHILIPS N.V. **Publication Number:** WO2019179961 **Publication date:** 09/26/2019 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

171. RESPIRATOR THAT INCLUDES AN INTEGRAL FILTER ELEMENT, AN EXHALATION VALVE, AND IMPACTOR ELEMENT

JAPUNTICH, Daniel, A.; MCCULLOUGH, Nicole, V. **Assignee:** 3M INNOVATIVE PROPERTIES COMPANY

Publication Number: WO224279 **Publication date:** 03/28/2002 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

172. Advanced chemical-biological mask

Chase, Stephen E.; Fritch, Jr., William M.; Grove, Corey M. **Assignee:** The United States of America as represented by the Secretary of the Army **Publication Number:** US6176239 **Publication date:** 01/23/2001 **Kind:** Utility Patent Grant (no pre-grant publication)

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

173. BREATHING MASK FOR A HELMET

KALHOK, DAVID; RONDEAU, PIERRE; AUBE, MARTIN; CADOTTE, GERMAIN **Assignee:** BOMBARDIER INC.; KALHOK, DAVID; RONDEAU, PIERRE; AUBE, MARTIN; CADOTTE, GERMAIN **Publication Number:** WO9927999

Publication date: 06/10/1999 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

174. Face mask that has a filtered exhalation valve

McCullough, Nicole V.; Bryant, John W.; Penning, Bruce E.; Baumann, Nicholas R.; Henderson, Christopher P.; Peterson, Jane K.; Japuntich, Daniel A. **Assignee:** 3M Innovative Properties Company **Publication Number:** US6584976 **Publication date:** 07/01/2003 **Kind:** Utility Patent Grant (with pre-grant publication)

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

175. Combined anti fog and anti glare features for face masks

Baird, Derek W.; Brunson, Kevin K. **Assignee:** Tecnol Medical Products, Inc. **Publication Number:** US5813398 **Publication date:** 09/29/1998 **Kind:** Utility Patent Grant

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

176. MASK, MASK CUSHION AND CPAP TREATMENT APPARATUS

Kwok, Philip Rodney; Styles, Robert Edward **Assignee:** ResMed Limited **Publication Number:** EP3009160

Publication date: 08/09/2017 **Kind:** Patent

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

177. DEVICE FOR CARRYING A HOOD ON THE WEARER'S PERSON

MILIN, Loïc **Assignee:** Sperian Respiratory Protection France **Publication Number:** EP2114192 **Publication date:** 11/11/2009 **Kind:** Patent Application Publication

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

178. Face mask support

Bordewick, Steven S.; Markovich, David; Brandt, Laurel D.; Weimholt, Mark J.; Raatikka, Amy **Assignee:** Somnetics Global Pte. Ltd. **Publication Number:** US8091553 **Publication date:** 01/10/2012 **Kind:** Patent

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

179. SURVIVAL AND LOCATION ENHANCEMENT GARMENT AND HEADGEAR

MAHONY, Dennis; BRUCE, Adrian; BATTY, Michael; KUO, Valerie; WYATT, Andrew **Assignee:** JOELMAR PTY LTD; MAHONY, Dennis; BRUCE, Adrian; BATTY, Michael; KUO, Valerie; WYATT, Andrew **Publication Number:** WO2012113014 **Publication date:** 08/30/2012 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

180. Air conditioned and ambient fresh air supply system for respirator users

Asbra, Michael Dean; Asbra, Serena Therese **Publication Number:** US10238898 **Publication date:** 03/26/2019 **Kind:** Patent

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

181. A NASAL MASK AND MASK CUSHION THEREFOR

Kwok, Philip Rodney; Styles, Robert Edward **Assignee:** ResMed Limited **Publication Number:** EP3009160 **Publication date:** 04/20/2016 **Kind:** Patent Application Publication

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

182. A nasal mask and mask cushion therefor

Kwok, Philip Rodney; Styles, Robert Edward **Assignee:** ResMed Limited **Publication Number:** EP2298402 **Publication date:** 08/19/2015 **Kind:** Patent

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

183. SMART MASK

KIM, Miyoung; YOON, Sunhong **Assignee:** KOREA ELECTRONICS TECHNOLOGY INSTITUTE **Publication Number:** WO2020071601 **Publication date:** 04/09/2020 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

184. Smart athletic wear and related method of use

McKay, Justin **Publication Number:** US10602929 **Publication date:** 03/31/2020 **Kind:** Patent
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

185. A nasal mask and mask cushion therefor

Kwok, Philip Rodney; Styles, Robert Edward **Assignee:** ResMed Limited **Publication Number:** EP2316516
Publication date: 01/27/2016 **Kind:** Patent
Database: EP Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

186. Cushion and mask therefor

Kwok, Philip Rodney; Styles, Robert Edward **Assignee:** ResMed Limited **Publication Number:** US8522783
Publication date: 09/03/2013 **Kind:** Patent
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

187. Nasal dilator

Jassir, David; Jassir, Christine **Publication Number:** US8459254 **Publication date:** 06/11/2013 **Kind:** Patent
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

188. FIT-TEST METHOD FOR RESPIRATOR WITH SENSING SYSTEM

WEBB, Richard C.; VINER, Andrew S.; TAYLOR, Daniel B.; HAUGE, Jessica L. T.; KAMARAINEN, Jennifer L.; VANDERHEYDEN, Jacob P.; GUTTMANN, Silvia G.; STANFORD, Kenneth **Assignee:** 3M INNOVATIVE PROPERTIES COMPANY **Publication Number:** WO2019046686 **Publication date:** 03/07/2019 **Kind:** Patent
Application Publication
Database: WO Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

189. Portable continuous positive airway pressure system

Hoffman, Leslie **Assignee:** Hoffman Laboratories, LLC **Publication Number:** US7195014 **Publication date:** 03/27/2007 **Kind:** Utility Patent Grant (with pre-grant publication)
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

190. BREATHING ASSISTANCE FACE MASK AND METHOD OF ITS CONTROL

SU, Wei; CHEN, Weizhong; BOUMA, Peter Hermanus; VAN DER SLUIS, Paul **Assignee:** Koninklijke Philips N.V.
Publication Number: EP3574959 **Publication date:** 12/04/2019 **Kind:** Patent Application Publication
Database: EP Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

191. AIR CONDITIONED AND AMBIENT FRESH AIR SUPPLY SYSTEM FOR RESPIRATOR USERS

Asbra, Michael Dean; Asbra, Serena Therese **Publication Number:** US20170007860 **Publication date:** 01/12/2017
Kind: Patent Application Publication
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

192. WEARABLE AIR PURIFICATION DEVICE

KE, Rui; ZIMMER, Christiaan; JOUSMA, Hendrik Richard; NGUYEN, Thanh Trung; KOOIJMAN, Gerben **Assignee:** Koninklijke Philips N.V. **Publication Number:** EP3233214 **Publication date:** 10/25/2017 **Kind:** Patent Application Publication
Database: EP Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

193. Respirator Mask for a Compressed Air Breathing Apparatus

Kling, Peter **Assignee:** Mine Safety Appliances Company **Publication Number:** US20110226251 **Publication date:** 09/22/2011 **Kind:** Patent Application Publication
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

194. BREATHING DEVICE FOR FILTERING AND CONDITIONING INHALED AIR

RUSSELL, James, K. **Assignee:** RUSSELL, James, K. **Publication Number:** WO2005000410 **Publication date:** 01/06/2005 **Kind:** Patent Application Publication
Database: WO Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

195. A nasal mask and mask cushion therefor

Kwok, Philip Rodney; Styles, Robert Edward **Assignee:** ResMed Limited **Publication Number:** EP2316516
Publication date: 05/04/2011 **Kind:** Patent Application Publication
Database: EP Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

196. Mask and mask cushion therefor

Kwok, Philip Rodney; Styles, Robert Edward **Assignee:** ResMed Limited **Publication Number:** EP1741461
Publication date: 11/02/2011 **Kind:** Patent
Database: EP Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

197. A nasal mask and mask cushion therefor

Kwok, Philip Rodney; Styles, Robert Edward **Assignee:** ResMed Limited **Publication Number:** EP2298402
Publication date: 03/23/2011 **Kind:** Patent Application Publication
Database: EP Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

198. FLEXIBLE CUSHION SYSTEM FOR OXYGEN MASK

ALEXANI, Alex **Publication Number:** WO2016004098 **Publication date:** 02/25/2016 **Kind:** PUBL. OF SEARCH REPORT

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

199. Breathing mask with integrated suction area

Kullik, Götz; Hansmann, Hans-Ullrich **Assignee:** Drägerwerk Aktiengesellschaft **Publication Number:** US7481221

Publication date: 01/27/2009 **Kind:** Patent

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

200. Breathing assistance apparatus

Smith, Nicholas Charles Alan; Robertson, Christopher John; Gradon, Lewis George **Assignee:** Fisher & Paykel Healthcare Limited **Publication Number:** US6997186 **Publication date:** 02/14/2006 **Kind:** Utility Patent Grant (with pre-grant publication)

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

201. Individual protective and breathing equipment for contaminated environments

Schegerin, Robert **Assignee:** Intertechnique **Publication Number:** US5653225 **Publication date:** 08/05/1997 **Kind:** Utility Patent Grant

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

202. Germicidal protective mask with ultraviolet light emitting diodes

Roth, Jon N. **Publication Number:** US8733356 **Publication date:** 05/27/2014 **Kind:** Patent

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

203. Protective cover for air filter and for conduit connecting air filter to breathing mask

Grilliot, Mary I.; Grilliot, William L. **Assignee:** Morning Pride Manufacturing, L.L.C. **Publication Number:** US6349721 **Publication date:** 02/26/2002 **Kind:** Utility Patent Grant (no pre-grant publication)

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

204. Protective breathing device having a filtering apparatus and additional oxygen supply for emergency use

Warncke, Ernst; Oetjen, Georg-Wilhelm **Assignee:** Drägerwerk Aktiengesellschaft **Publication Number:** US4019507 **Publication date:** 04/26/1977 **Kind:** Utility Patent Grant

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

205. Method and apparatus for pressurizing a protective hood enclosure with exhaled air

Resnick, Todd A. **Publication Number:** US6371116 **Publication date:** 04/16/2002 **Kind:** Utility Patent Grant (no pre-grant publication)

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

206. Anti-fog breathing apparatus for the elimination of breath vapor condensation on the surfaces of protective eye lenses associated with recreational equipment

Carroll, Fleming Vaughn **Publication Number:** US8245707 **Publication date:** 08/21/2012 **Kind:** Patent

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

207. Barrier creams useful for protection of skin and hands comprises talc, finely powdered kaolin or zinc oxide and microcrystalline silica

KOUSHAK **Patent information:** CA 2265344 20000823 **Publication year:** 2000 **Language:** English

Database: EnCompassPAT

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

208. Heat and gas protection suit

Pasternack, Adalbert; Warncke, Ernst **Assignee:** Dragerwerk Aktiengesellschaft **Publication Number:** US4172454

Publication date: 10/30/1979 **Kind:** Utility Patent Grant

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

209. Respirator mask for CBRN or other protection

Bergeron, David; Del Mistro, Alessandro; Dionne, Luc; Langevin-Bouffard, Charles; Lagace, Sebastien; Lefebvre, Philippe-Alexandre; Lemyre, Jean-Luc; Morissette, Jean-Francois **Assignee:** AIRBOSS ENGINEERED PRODUCTS INC. **Publication Number:** US10363441 **Publication date:** 07/30/2019 **Kind:** Patent

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

210. RESPIRATOR MASK FOR CBRN OR OTHER PROTECTION

BERGERON, David; DEL MISTRO, Alessandro; DIONNE, Luc; LANGEVIN-BOUFFARD, Charles; LAGACÉ, Sebastien; LEFEBVRE, Philippe-Alexandre; LEMYRE, Jean-Luc; MORISSETTE, Jean-François **Assignee:** Airboss Engineered Products Inc. **Publication Number:** EP2988834 **Publication date:** 03/02/2016 **Kind:** Patent Application Publication

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

211. RESPIRATOR MASK FOR CBRN OR OTHER PROTECTION

BERGERON, David; DEL MISTRO, Alessandro; DIONNE, Luc; LANGEVIN-BOUFFARD, Charles; LAGACÉ, Sebastien; LEFEBVRE, Philippe-Alexandre; LEMYRE, Jean-Luc; MORISSETTE, Jean-François **Assignee:** AIRBOSS ENGINEERED PRODUCTS INC. **Publication Number:** WO2014172783 **Publication date:** 10/30/2014 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

212. RESPIRATOR MASK FOR CBRN OR OTHER PROTECTION

BERGERON, David; DEL MISTRO, Alessandro; DIONNE, Luc; LANGEVIN-BOUFFARD, Charles; LAGACE, Sebastien; LEFEBVRE, Philippe-Alexandre; LEMYRE, Jean-Luc; MORISSETTE, Jean-Francois **Assignee:** AIRBOSS ENGINEERED PRODUCTS INC. **Publication Number:** US20160074683 **Publication date:** 03/17/2016 **Kind:** Patent Application Publication

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

213. Eye ear and respiration protection apparatus

Gregory, Kenneth M. **Publication Number:** US6318369 **Publication date:** 11/20/2001 **Kind:** Utility Patent Grant (no pre-grant publication)

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

214. Disposable mask for dust protection

Lee, Sang-Ho **Assignee:** INSAN Co., Ltd. **Publication Number:** US7185653 **Publication date:** 03/06/2007 **Kind:** Utility Patent Grant (with pre-grant publication)

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

215. Personal Protection and Ventilation System

Jascomb, Jerald T.; Lin, Brian E.; Joseph, Dennis; Potnis, Prasad S.; Collins, Brian M.; Mithani, Namita A. **Assignee:** O&M Halyard, Inc. **Publication Number:** US20200060375 **Publication date:** 02/27/2020 **Kind:** Patent Application Publication

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

216. Protection-hood or helmet-mask for use in environments dangerous to work

Kovacevic, Ostoja **Publication Number:** US4057058 **Publication date:** 11/08/1977 **Kind:** Utility Patent Grant

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

217. Blower-assisted breath-protecting apparatus using breathing filter regeneration

Van der Smissen, Carl-Ernst, Dr.; Walther, Hans-Joachim; Eckstein, Wolfgang **Assignee:** Drägerwerk Aktiengesellschaft **Publication Number:** EP376099 **Publication date:** 07/17/1991 **Kind:** PUBL. OF SEARCH REPORT

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

218. Blower-assisted breath-protecting apparatus using breathing filter regeneration

Van der Smissen, Carl-Ernst, Dr.; Walther, Hans-Joachim; Eckstein, Wolfgang **Assignee:** Drägerwerk Aktiengesellschaft **Publication Number:** EP376099 **Publication date:** 07/04/1990 **Kind:** APPLICATION WITHOUT SEARCH REPORT

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

219. PROTECTION HOOD AGAINST SMOKES AND HYPOXY

PELLOUX-GERVAIS PIERRE; ZAPATA RICHARD; BRES MICHEL **Assignee:** AIR LIQUIDE **Publication Number:** WO8606971 **Publication date:** 12/04/1986 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

220. RESPIRATOR MASK WITH VOICE TRANSMITTAL FEATURE

Thompson, Darin Kyle; Quiring, Amy Elizabeth; Simmonds, Edward Powers; Wilson, Graham Peter; Tucker, Carl Escort **Assignee:** Scott Technologies, Inc. **Publication Number:** US20180311516 **Publication date:** 11/01/2018

Kind: Patent Application Publication

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

221. RESPIRATOR MASK WITH VOICE TRANSMITTAL FEATURE

THOMPSON, Darin Kyle; QUIRING, Amy Elizabeth; SIMMONDS, Edward Powers; WILSON, Graham Peter; TUCKER, Carl Escort **Assignee:** SCOTT TECHNOLOGIES, INC. **Publication Number:** WO2017070352 **Publication date:** 04/27/2017

Kind: Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

222. FOREHEAD SUPPORT FOR A FACIAL MASK

Gunaratnam, Michael K. **Assignee:** ResMed Limited **Publication Number:** US20110174311 **Publication date:** 07/21/2011

Kind: Patent Application Publication

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

223. Breathing protection mask

Ruther, Hans Martin **Assignee:** Ruther, Hans Martin **Publication Number:** EP743074 **Publication date:** 11/20/1996

Kind: APPLICATION WITHOUT SEARCH REPORT

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

224. Breathing protection mask

Ruther, Hans Martin **Assignee:** Ruther, Hans Martin **Publication Number:** EP743074 **Publication date:** 04/02/1997

Kind: PUBL. OF SEARCH REPORT

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

225. DEVICE FOR CARRYING A HOOD ON THE WEARER'S PERSON

MILIN, Loïc **Assignee:** Sperian Respiratory Protection France **Publication Number:** EP2114192 **Publication date:** 10/03/2012

Kind: Patent

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

226. FOREHEAD SUPPORT FOR A FACIAL MASK

GUNARATNAM, Michael K. **Assignee:** ResMed Limited **Publication Number:** US20090114231 **Publication date:** 05/07/2009 **Kind:** Patent Application Publication

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

227. Protection mask

Saffo, John J. **Publication Number:** US4583535 **Publication date:** 04/22/1986 **Kind:** Utility Patent Grant

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

228. Cold weather breathing apparatus

Stroup, Bert R. **Assignee:** Arctic Temperature Controls **Publication Number:** US4610247 **Publication date:** 09/09/1986 **Kind:** Utility Patent Grant

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

229. Forehead support for a facial mask

Gunaratnam, Michael K. **Assignee:** ResMed Limited **Publication Number:** US6973929 **Publication date:** 12/13/2005 **Kind:** Utility Patent Grant (with pre-grant publication)

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

230. Forehead support for a facial mask

Gunaratnam, Michael K. **Assignee:** ResMed Limited **Publication Number:** US6520182 **Publication date:** 02/18/2003

Kind: Utility Patent Grant (no pre-grant publication)

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

231. Forehead support for a facial mask

Gunaratnam, Michael K. **Publication Number:** US20030084904 **Publication date:** 05/08/2003 **Kind:** Utility Patent Application

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

232. DEVICE FOR CARRYING A HOOD ON THE WEARER'S PERSON

MILIN, LOIC **Assignee:** SPERIAN RESPIRATORY PROTECTION FRANCE; MILIN, LOIC **Publication Number:** WO2008101993 **Publication date:** 08/28/2008 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

233. Articulator

Chu, Shih-Yu **Publication Number:** US20190091546 **Publication date:** 03/28/2019 **Kind:** Patent Application Publication

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

234. Chemical and biological protection mask

Litz, Jeffrey C. **Publication Number:** US8397715 **Publication date:** 03/19/2013 **Kind:** Patent
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

235. Coveralls for protection against flash fires

Wiseman, Sr., Timothy R. **Assignee:** E. I. du Pont de Nemours and Company **Publication Number:** US5279287
Publication date: 01/18/1994 **Kind:** Utility Patent Grant
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

236. Breathing protection equipment with operating mode indication

Bardel, Michel; Taieb, Denis; Touratier, Thierry **Assignee:** Intertechnique **Publication Number:** US5913307
Publication date: 06/22/1999 **Kind:** Utility Patent Grant
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

237. Chemical and biological protection mask

Litz, Jeffrey C. **Publication Number:** US20100132715 **Publication date:** 06/03/2010 **Kind:** Patent Application
Publication
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

238. Environmental protection system

Gieger, Paul Daniel; Barnett, Peter A. **Assignee:** Integrated Medical Systems, Inc. **Publication Number:** US6233748
Publication date: 05/22/2001 **Kind:** Utility Patent Grant (no pre-grant publication)
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

239. Medical/surgical personal protection system including a light assembly arranged so that heat generated by the assembly is exhausted away from the assembly

VanDerWoude, Brian; Proulx, Marshall; Foor, Jacob C.; Campbell, Douglas; Grulke, David H. **Assignee:** Stryker Corporation **Publication Number:** US8282234 **Publication date:** 10/09/2012 **Kind:** Patent
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

240. METHOD AND DEVICE FOR INTRODUCING A SUBSTANCE INTO A CLOSED SPACE

ANDERSSON BJOERN-OLOF **Assignee:** AIOLOS MEDICINSK TEKNIK AB; ANDERSSON BJOERN OLOF
Publication Number: WO9601131 **Publication date:** 01/18/1996 **Kind:** Patent Application Publication
Database: WO Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

241. Avalanche Rescue Helmet

Kindermann, Felix **Publication Number:** US20100229285 **Publication date:** 09/16/2010 **Kind:** Patent Application Publication

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

242. METHOD AND DEVICE FOR INTRODUCING A SUBSTANCE INTO A CLOSED SPACE

MATTSSON, Agne **Assignee:** AIOLOS MEDICINSK TEKNIK AB **Publication Number:** EP956063 **Publication date:** 11/17/1999 **Kind:** APPLICATION WITH SEARCH REPORT

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

243. MOLDED FACEPIECE GASKET

MARTIN, Thomas, S. **Assignee:** LION APPAREL, INC. **Publication Number:** WO2013044009 **Publication date:** 03/28/2013 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

244. MOLDED FACEPIECE GASKET

Martin, Thomas S. **Assignee:** LION APPAREL, INC. **Publication Number:** US20140245526 **Publication date:** 09/04/2014 **Kind:** Patent Application Publication

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

245. Safe scarf

Warren, Jay; Labitan, Charles **Publication Number:** US20110197339 **Publication date:** 08/18/2011 **Kind:** Patent Application Publication

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

246. VITAL LIFE SIGN DETECTOR

PEEL HARRY HERBERT III **Assignee:** PEEL HARRY HERBERT III **Publication Number:** WO9209232 **Publication date:** 06/11/1992 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

247. Helmet system

Sundahl, James G. **Assignee:** Bell Helmets Inc. **Publication Number:** US4549541 **Publication date:** 10/29/1985 **Kind:** Utility Patent Grant

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

248. Thermoset ionomer used for kit, contains crosslinked network of polymer chains covalently bonded to one another by pendant cationic moieties containing bis-N-alkylated azolium ion, N-alkylated azolium ions, or P-alkylated phosphonium ions

PARENT J S; WHITNEY R A **Patent information:** WO 2012075573 20120614 **Publication year:** 2012 **Language:** English

Database: EnCompassPAT

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

249. New azolium ionomer compounds useful for forming cured polymeric product and in article e.g. fuel cell membrane, pharmaceutical stopper, syringe fitting, ion-exchange resin, separation membrane and toilet safety equipment

PARENT J S; PARENT S J; WHITNEY R A **Patent information:** WO 2012075574 20120614 **Publication year:** 2012 **Language:** English

Database: EnCompassPAT

Compilation and indexing terms, Copyright 2020 Elsevier Inc.

Data Provider: Engineering Village

250. Breathing apparatus and installation providing protection against hypoxia

Martinez, Patrice; Farin, Eric **Publication Number:** US20030010341 **Publication date:** 01/16/2003 **Kind:** Utility Patent Application

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

251. Disposable covers for respirators

Cooper, James M.; McCreadie, John B. **Assignee:** Parmelee Industries, Inc. **Publication Number:** US4579113

Publication date: 04/01/1986 **Kind:** Utility Patent Grant

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

252. RESPIRATOR TAB

HENDERSON, Christopher P.; ABDULQADER, Reyad A.; MAY, James J.; FERNANDES, Mark A. J.; BOYCE, David N. **Assignee:** 3M Innovative Properties Company **Publication Number:** EP3226707 **Publication date:** 06/19/2019

Kind: Patent

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

253. RESPIRATOR NOSEPIECE

HENDERSON, Christopher P.; ABDULQADER, Reyad A.; MCGLASSON, Stuart A.; MAY, James J.; FERNANDES, Mark A. J.; BOYCE, David N.; BAXTER, Elliott J. **Assignee:** 3M Innovative Properties Company **Publication Number:** EP3226706 **Publication date:** 09/04/2019 **Kind:** Patent

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

254. RESPIRATOR TAB

HENDERSON, Christopher P.; ABDULQADER, Reyad A.; MCMENAMIN, Ciaran G.; WILSON, Audra A.; FACER, John M. **Assignee:** 3M Innovative Properties Company **Publication Number:** EP3294079 **Publication date:** 03/21/2018 **Kind:** Patent Application Publication

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

255. Remaining service life indication system for gas masks cartridges and canisters

Truex, Bryan I.; Mihaylov, Gueorgui M. **Assignee:** NEXTTEQ, LLC **Publication Number:** US9044626 **Publication date:** 06/02/2015 **Kind:** Patent

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

256. RESPIRATOR TAB

HENDERSON, Christopher P.; ABDULQADER, Reyad A.; MCMENAMIN, Ciaran G.; WILSON, Audra A.; FACER, John M. **Assignee:** 3M INNOVATIVE PROPERTIES COMPANY **Publication Number:** WO2016182989 **Publication date:** 11/17/2016 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

257. REMAINING SERVICE LIFE INDICATION SYSTEM FOR GAS MASKS CARTRIDGES AND CANISTERS

Truex, Bryan I.; Mihaylov, Gueorgui M. **Assignee:** Nextteq, LLC **Publication Number:** US20140283840 **Publication date:** 09/25/2014 **Kind:** Patent Application Publication

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

258. RESPIRATOR TAB

HENDERSON, Christopher P.; ABDULQADER, Reyad A.; MAY, James J.; FERNANDES, Mark A. J.; BOYCE, David N. **Assignee:** 3M INNOVATIVE PROPERTIES COMPANY **Publication Number:** WO2016090067 **Publication date:** 06/09/2016 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

259. Respirator mask for a compressed air breathing apparatus

Kling, Peter **Assignee:** MSA Auer GmbH **Publication Number:** US8245712 **Publication date:** 08/21/2012 **Kind:** Patent

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

260. RESPIRATOR NOSEPIECE

HENDERSON, Christopher P.; ABDULQADER, Reyad A.; MCGLASSON, Stuart A.; MAY, James J.; FERNANDES, Mark A. J.; BOYCE, David N.; BAXTER, Elliott J. **Assignee:** 3M INNOVATIVE PROPERTIES COMPANY **Publication Number:** WO2016090082 **Publication date:** 06/09/2016 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

261. TELEMETRIC APPARATUS FOR HEALTH AND ENVIRONMENTAL MONITORING

LEBOEUF, Steven Francis; TUCKER, Jesse Berkley; AUMER, Michael Edward **Assignee:** VALENCELL, INC.; LEBOEUF, Steven Francis; TUCKER, Jesse Berkley; AUMER, Michael Edward **Publication Number:** WO2008088511 **Publication date:** 07/24/2008 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

262. Unitary Respirator With Molded Thermoset Elastomeric Elements

Flannigan, Paul J.; Hoogenraad, Johannes; Knivslund, David P. **Assignee:** 3M INNOVATIVE PROPERTIES COMPANY **Publication Number:** US20180339178 **Publication date:** 11/29/2018 **Kind:** Patent Application Publication

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

263. Fashionable versatile mask garment retains a filter element in a concealed state

Yarahmadi, Shireen Noelle **Publication Number:** US9661884 **Publication date:** 05/30/2017 **Kind:** Patent

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

264. Respirator Tab

Henderson, Christopher P.; Abdulqader, Reyad A.; McMnamin, Ciaran G.; Wilson, Audra A.; Facer, John M.

Assignee: 3M INNOVATIVE PROPERTIES COMPANY **Publication Number:** US20180154195 **Publication date:** 06/07/2018 **Kind:** Patent Application Publication

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

265. FLAT-FOLD RESPIRATOR

ABDULQADER, Reyad A.; MAY, James J.; FERNANDES, Mark A. J.; JENKINS, Daniel P. **Assignee:** 3M Innovative Properties Company **Publication Number:** EP3240446 **Publication date:** 11/08/2017 **Kind:** Patent Application Publication

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

266. Respirator Nosepiece

Henderson, Christopher P.; Abdulqader, Reyad A.; McGlasson, Stuart A.; May, James J.; Fernandes, Mark A. J.;

Boyce, David N.; Baxter, Elliott J. **Assignee:** 3M INNOVATIVE PROPERTIES COMPANY **Publication Number:** US20170318875 **Publication date:** 11/09/2017 **Kind:** Patent Application Publication

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

267. Respirator Tab

Henderson, Christopher P.; Abdulqader, Reyad A.; May, James J.; Fernandes, Mark A. J.; Boyce, David N. **Assignee:**

3M INNOVATIVE PROPERTIES COMPANY **Publication Number:** US20170311661 **Publication date:** 11/02/2017 **Kind:** Patent Application Publication

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

268. SMART MASK FOR HEALTH CARE SERVICE

Choi, Chong-sik **Assignee:** Choi, Chong-sik **Publication Number:** EP3178525 **Publication date:** 06/14/2017 **Kind:** Patent Application Publication

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

269. Flat-Fold Respirator

Abdulqader, Reyad A.; May, James J.; Fernandes, Mark A. J.; Jenkins, Daniel P. **Assignee:** 3M INNOVATIVE PROPERTIES COMPANY **Publication Number:** US20170258150 **Publication date:** 09/14/2017 **Kind:** Patent Application Publication

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

270. Infinitely adjustable training mask with an air filter and a drinking device

Tao, Bo **Publication Number:** US10478667 **Publication date:** 11/19/2019 **Kind:** Patent

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

271. FLAT-FOLD RESPIRATOR

ABDULQADER, Reyad A.; MAY, James J.; FERNANDES, Mark A. J.; JENKINS, Daniel P. **Assignee:** 3M INNOVATIVE PROPERTIES COMPANY **Publication Number:** WO2016090072 **Publication date:** 06/09/2016 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

272. Infinitely adjustable training mask with an air filter and a drinking device

Tao, Bo **Publication Number:** US20180280758 **Publication date:** 10/04/2018 **Kind:** Patent Application Publication

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

273. WEARABLE DEVICE FOR DELIVERING AIR

Yu, Tzu-chin; Connell, Emma Anne; Creusot, David; Darkin, Donald; Kenyon, Barton John; Klasek, Paul Jan; Sims, Andrew; Yang, Quangang; Kwok, Philip Rodney **Assignee:** ResMed Limited **Publication Number:** US20170361133 **Publication date:** 12/21/2017 **Kind:** Patent Application Publication

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

274. FASHIONABLE VERSATILE MASK GARMENT RETAINS A FILTER ELEMENT IN A CONCEALED STATE

Yarahmadi, Shireen Noelle **Publication Number:** US20160316831 **Publication date:** 11/03/2016 **Kind:** Patent Application Publication

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

275. WEARABLE DEVICE FOR DELIVERING AIR

YU, Tzu-chin; CONNELL, Emma Anne; CREUSOT, David; DARKIN, Donald; KENYON, Barton John; KLASEK, Paul Jan; SIMS, Andrew; YANG, Quangang; KWOK, Philip Rodney **Assignee:** ResMed Limited **Publication Number:** EP3226981 **Publication date:** 10/11/2017 **Kind:** Patent Application Publication

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

276. Quick-donning full face oxygen mask with inflatable harness and soft foldable lens

McDonald, Thomas K.; Hannah, Gary R.; Stratman, Randy G.; Jones, Gregory R. **Assignee:** Puritan-Bennett Corporation **Publication Number:** US5957132 **Publication date:** 09/28/1999 **Kind:** Utility Patent Grant

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

277. MASK

ARNOLD, BARRY, NORMAN **Assignee:** PHOENIX SAFETY SYSTEMS LIMITED; ARNOLD, BARRY, NORMAN **Publication Number:** WO9632159 **Publication date:** 10/17/1996 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

278. Headgear pad for CPAP interface

Moore, Karen Leigh **Publication Number:** US20100258132 **Publication date:** 10/14/2010 **Kind:** Patent Application Publication

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

279. QUICK-DONNING FULL FACE OXYGEN MASK WITH INFLATABLE HARNESS AND SOFT FOLDABLE LENS

McDonald, Thomas K.; Hannah, Gary R.; Stratman, Randy G.; Jones, Gregory R. **Assignee:** BE INTELLECTUAL PROPERTY, INC. **Publication Number:** US20110168182 **Publication date:** 07/14/2011 **Kind:** Patent Application Publication

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

280. Quick-donning full face oxygen mask with inflatable harness and soft foldable lens

Stratman, Randy G.; Hannah, Gary R.; McDonald, Thomas K. **Publication Number:** US20070193585 **Publication date:** 08/23/2007 **Kind:** Utility Patent Application

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

281. WEARABLE DEVICE FOR DELIVERING AIR

YU, Tzu-chin; CONNELL, Emma Anne; CREUSOT, David; DARKIN, Donald; KENYON, Barton John; KLASEK, Paul Jan; SIMS, Andrew; YANG, Quangang; KWOK, Philip Rodney **Assignee:** RESMED LIMITED **Publication Number:** WO2016086273 **Publication date:** 06/09/2016 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

282. Quick-donning full face oxygen mask with inflatable harness and soft foldable lens

McDonald, Thomas K.; Hannah, Gary R.; Jones, Gregory R.; Stratman, Randy G. **Assignee:** BE Intellectual Property, Inc. **Publication Number:** US6672307 **Publication date:** 01/06/2004 **Kind:** Utility Patent Grant (with pre-grant publication)

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

283. Quick-donning full face oxygen mask with inflatable harness and soft foldable lens

Stratman, Randy G.; McDonald, Thomas K.; Hannah, Gary R.; Jones, Gregory R. **Assignee:** BE Intellectual Property, Inc. **Publication Number:** US6443155 **Publication date:** 09/03/2002 **Kind:** Utility Patent Grant (no pre-grant publication)

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

284. MASK FRAME ATTACHED WITH REPLACEMENT MASK

TAKEHARA, Tadahiro **Assignee:** TAKEHARA, Tadahiro **Publication Number:** WO211817 **Publication date:** 02/14/2002 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

285. Quick-donning full face oxygen mask with inflatable harness and soft foldable lens

McDonald, Thomas K.; Hannah, Gary R.; Stratman, Randy G.; Jones, Gregory R. **Assignee:** PURITAN-BENNETT CORPORATION **Publication Number:** EP705622 **Publication date:** 04/10/1996 **Kind:** APPLICATION WITH SEARCH REPORT

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

286. Quick-donning full face oxygen mask with inflatable harness and soft foldable lens

Hannah, Gary R.; McDonald, Thomas K.; Jones, Gregory R.; Stratman, Randy G. **Assignee:** Puritan-Bennett Corporation **Publication Number:** US5664566 **Publication date:** 09/09/1997 **Kind:** Utility Patent Grant

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

287. Quick-donning full face oxygen mask with inflatable harness and soft foldable lens

Hannah, Gary R.; McDonald, Thomas K.; Stratman, Randy G.; Jones, Gregory R. **Assignee:** Puritan-Bennett Corporation **Publication Number:** US59571322 **Publication date:** 09/28/1999 **Kind:** Utility Patent Grant

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

288. Multipurpose face mask that maintains an airspace between the mask and the wearer's face

Bledstein, Adrien Janis **Publication Number:** US5701892 **Publication date:** 12/30/1997 **Kind:** Utility Patent Grant

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

289. HEADGEAR AND PROCESS FOR PRODUCING THE SAME

OMURA, Keiko; TAKISHITA, Masahide; OOYA, Shin; CHIN, Tongoh; SHIMURA, Hideharu; FUJIMOTO, Shinya; HIKOSAKA, Toru; NAKAMURA, Toshiki; FUJIURA, Kazuaki; KURAI, Naoki **Assignee:** Teijin Pharma Limited

Publication Number: EP2090327 **Publication date:** 12/05/2018 **Kind:** Patent

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

290. HEADGEAR AND PROCESS FOR PRODUCING THE SAME

OMURA, Keiko; TAKISHITA, Masahide; OOYA, Shin; CHIN, Tongoh; SHIMURA, Hideharu; FUJIMOTO, Shinya; HIKOSAKA, Toru; NAKAMURA, Toshiki; FUJIURA, Kazuaki; KURAI, Naoki **Assignee:** TEIJIN PHARMA LIMITED;

OMURA, Keiko; TAKISHITA, Masahide; OOYA, Shin; CHIN, Tongoh; SHIMURA, Hideharu; FUJIMOTO, Shinya; HIKOSAKA, Toru; NAKAMURA, Toshiki; FUJIURA, Kazuaki; KURAI, Naoki **Publication Number:** WO2008068966

Publication date: 06/12/2008 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

291. RESPIRATOR NEGATIVE PRESSURE FIT CHECK DEVICES AND METHODS

MITTELSTADT, William A.; RAINES, Carl W. III; STEIN, David R.; ABEL, Nathan A.; BLOMBERG, David M.; COWELL, Michael J.; DWYER, Gary E.; INSLEY, Thomas I.; SVENDSEN, Michael J.; COSGROVE, Dylan T.; LAGESON, Kent E.; LI, Chaoqi **Assignee:** 3M Innovative Properties Company **Publication Number:** EP3145597

Publication date: 03/29/2017 **Kind:** Patent Application Publication

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

292. Nasal Respiration Mask

Takishita, Masahide; Omura, Keiko; Chin, Tongoh; Okayama, Takamitsu; Shimura, Hideharu; Fujimoto, Shinya; Hikosaka, Toru; Matsunaga, Satoe **Publication Number:** US20090014008 **Publication date:** 01/15/2009 **Kind:** Patent Application Publication

Database: US Patents

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

293. FLAT-FOLDABLE FACE-MASK AND PROCESS OF MAKING SAME

CHU, Wa **Assignee:** CHU, Wa **Publication Number:** WO2004091726 **Publication date:** 10/28/2004 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

294. HEADGEAR AND PROCESS FOR PRODUCING THE SAME

OMURA, Keiko; TAKISHITA, Masahide; OOYA, Shin; CHIN, Tongoh; SHIMURA, Hideharu; FUJIMOTO, Shinya; HIKOSAKA, Toru; NAKAMURA, Toshiki; FUJIURA, Kazuaki; KURAI, Naoki **Assignee:** Teijin Pharma Limited

Publication Number: EP2090327 **Publication date:** 08/19/2009 **Kind:** Patent Application Publication

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

295. RESPIRATOR NEGATIVE PRESSURE FIT CHECK DEVICES AND METHODS

MITTELSTADT, William, A.; RAINES, Carl, W., III; STEIN, David, R.; ABEL, Nathan, A.; BLOMBERG, David, M.; COWELL, Michael, J.; DWYER, Gary, E.; INSLEY, Thomas, I.; SVENDSEN, Michael, J.; COSGROVE, Dylan, T.; LAGESON, Kent, E.; LI, Chaodi **Assignee:** 3M INNOVATIVE PROPERTIES COMPANY **Publication Number:** WO2015179156 **Publication date:** 11/26/2015 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

296. Continuous positive airway pressure headgear

Jestrabek-Hart, Bernadette **Assignee:** Creations by B J H, LLC **Publication Number:** US6470886 **Publication date:** 10/29/2002 **Kind:** Utility Patent Grant (no pre-grant publication)

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

297. FILTER FOR RESPIRATOR MASK OR OTHER FILTERING APPLICATIONS

LEMYRE, Jean-Luc; ROMERO, Jennifer **Assignee:** Airboss Engineered Products Inc. **Publication Number:** EP3471838 **Publication date:** 04/24/2019 **Kind:** Patent Application Publication

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

298. Headgear and its manufacturing method

Omura, Keiko; Takishita, Masahide; Ooya, Shin; Chin, Tongoh; Shimura, Hideharu; Fujimoto, Shinya; Hikosaka, Toru; Nakamura, Toshiki; Fujiura, Kazuaki; Kurai, Naoki **Assignee:** Teijin Pharma Limited **Publication Number:** US8393327 **Publication date:** 03/12/2013 **Kind:** Patent

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

299. PARTICULATE FILTER FACE MASK HAVING FAN BREATHING ASSIST

SONG, Yang; SONG, Luke **Publication Number:** WO2017065853 **Publication date:** 04/20/2017 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

300. Helmet

Howie, Robin M. **Assignee:** Coal Industry (Patents) Limited **Publication Number:** US4852562 **Publication date:** 08/01/1989 **Kind:** Utility Patent Grant

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

301. Respiratory mask

Langman, Vaughan A. **Publication Number:** US5435299 **Publication date:** 07/25/1995 **Kind:** Utility Patent Grant

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

302. POP-OPEN RESPIRATORY ETIQUETTE DEVICE

MARX, Gustav, David **Assignee:** MARX, Gustav, David **Publication Number:** WO2012003565 **Publication date:** 01/12/2012 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

303. MULTI FUNCTION STICK-ON FOR FACE RESPIRATORY PIECES

CHIAM, Kia Chee; CHA, Cher Liang, Randall **Assignee:** MEGATECH SCIENTIFIC PTE LTD; CHIAM, Kia Chee; CHA, Cher Liang, Randall **Publication Number:** WO2006112798 **Publication date:** 10/26/2006 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

304. INTERNAL DEFLECTOR FOR RESPIRATORY MASK

MARTIN, Christopher, S. **Assignee:** MARTIN, Christopher, S. **Publication Number:** WO2007086938 **Publication date:** 08/02/2007 **Kind:** Patent Application Publication(Republication)

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

305. INTERNAL DEFLECTOR FOR RESPIRATORY MASK

MARTIN, Christopher, S. **Assignee:** MARTIN, Christopher, S. **Publication Number:** WO2007086938 **Publication date:** 04/30/2009 **Kind:** PUBL. OF SEARCH REPORT

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

306. Heat and fire resistant respiratory filtration mask

Rivera, Bert; Harges, Jr., Cordell F. **Publication Number:** US5628308 **Publication date:** 05/13/1997 **Kind:** Utility Patent Grant

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

307. Heat and fire resistant respiratory filtration mask

Harges, Jr., Cordell Frank; Rivera, Bert **Publication Number:** US5823188 **Publication date:** 10/20/1998 **Kind:** Utility Patent Grant

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

308. Respiratory filtering fabric and garment made therefrom

Crotty, Leo J.; Olson, Karmin; Smithies, Alan **Assignee:** L&C Protec, Inc. **Publication Number:** US10569109 **Publication date:** 02/25/2020 **Kind:** Patent

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

309. CLOTHING WITH BUILT-IN RESPIRATORY FILTER

Krespi, Yosef P.; Hadani, Ron; Ozinci, Selomo **Assignee:** BioLx, Inc. **Publication Number:** US20170113076

Publication date: 04/27/2017 **Kind:** Patent Application Publication

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

310. EYE-WEAR ARTICLES FOR USE WITH RESPIRATORY MASKS

Wilson, Audra A.; HENDERSON, Christopher P.; CURRAN, Desmond T.; CORMACK, Brian **Assignee:**

3M Innovative Properties Company **Publication Number:** EP1521561 **Publication date:** 04/13/2005 **Kind:**

APPLICATION WITHOUT SEARCH REPORT

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

311. EYE-WEAR ARTICLES FOR USE WITH RESPIRATORY MASKS

CONLAN, Audra A.; HENDERSON, Christopher P.; CURRAN, Desmond T.; CORMACK, Brian **Assignee:** 3M

INNOVATIVE PROPERTIES COMPANY **Publication Number:** WO2004006815 **Publication date:** 01/22/2004 **Kind:**

Patent Application Publication(Republication)

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

312. EYE-WEAR ARTICLES FOR USE WITH RESPIRATORY MASKS

CONLAN, Audra A.; HENDERSON, Christopher P.; CURRAN, Desmond T.; CORMACK, Brian **Assignee:** 3M

INNOVATIVE PROPERTIES COMPANY **Publication Number:** WO2004006815 **Publication date:** 03/18/2004 **Kind:**

PUBL. OF SEARCH REPORT

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

313. ANNULAR UNIT FOR MOISTURE MANAGEMENT IN RESPIRATORY MASK

LIU, Anna; ZHAO, Linan; LU, Kevin **Assignee:** Honeywell International Inc. **Publication Number:** US20180353781

Publication date: 12/13/2018 **Kind:** Patent Application Publication

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

314. RESPIRATORY MASKS HAVING COMFORTABLE INNER COVER WEB

ANGADJIVAND, Seyed, A.; BOSTOCK, Graham, J.; CHALMERS, Tammy, M.; DYRUD, James, F.; MORTIMER,

Simon, A.; TAMAKI, Cynthia, Y.; TUMAN, Scott, J. **Assignee:** MINNESOTA MINING AND MANUFACTURING

COMPANY **Publication Number:** EP1014816 **Publication date:** 07/05/2000 **Kind:** APPLICATION WITH SEARCH

REPORT

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

315. IMPROVEMENT IN RESPIRATORY DEVICES

VAUGHAN KENNETH V; WIGGINS JAMES R **Assignee:** VAUGHAN KENNETH V; WIGGINS JAMES R **Publication**

Number: WO8300632 **Publication date:** 03/03/1983 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

316. RESPIRATORY MASKS HAVING COMFORTABLE INNER COVER WEB

ANGADJIVAND, SEYED, A.; CHALMERS, TAMMY, M.; DYRUD, JAMES, F.; MORTIMER, SIMON, A.; TUMAN, SCOTT, J.; TAMAKI, CYNTHIA, Y.; BOSTOCK, GRAHAM, J. **Assignee:** MINNESOTA MINING AND MANUFACTURING COMPANY **Publication Number:** WO9858558 **Publication date:** 12/30/1998 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

317. IMPROVEMENT IN RESPIRATORY DEVICES

VAUGHAN, Kenneth V.; WIGGINS, James R. **Assignee:** VAUGHAN, Kenneth V.; WIGGINS, James R. **Publication Number:** EP86232 **Publication date:** 08/24/1983 **Kind:** APPLICATION WITH SEARCH REPORT

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

318. Respiratory mask having a clean air inlet chamber

Dwyer, Gary E.; Mittelstadt, William A.; Raines, III, Carl W.; Abel, Nathan A.; Blomberg, David M.; Cowell, Michael J. **Assignee:** 3M Innovative Properties Company **Publication Number:** US9517367 **Publication date:** 12/13/2016 **Kind:** Patent

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

319. RESPIRATORY MASK HAVING A CLEAN AIR INLET CHAMBER

Dwyer, Gary E.; Mittelstadt, William A.; Raines, III, Carl W.; Abel, Nathan A.; Blomberg, David M.; Cowell, Michael J. **Assignee:** 3M INNOVATIVE PROPERTIES COMPANY **Publication Number:** US20140216473 **Publication date:** 08/07/2014 **Kind:** Patent Application Publication

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

320. NASAL RESPIRATORY DEVICES FOR POSITIVE END-EXPIRATORY PRESSURE

LOOMAS, Bryan; DOSHI, Rajiv; PIERCE, Ryan, Kendall; HOWARD, Robert, A.; HATANAKA, Motohide **Assignee:** VENTUS MEDICAL, INC.; LOOMAS, Bryan; DOSHI, Rajiv; PIERCE, Ryan, Kendall; HOWARD, Robert, A.; HATANAKA, Motohide **Publication Number:** WO2007146189 **Publication date:** 10/30/2008 **Kind:** PUBL. OF SEARCH REPORT

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

321. DEVICE FOR MEASURING THE RESPIRATORY RATE

EGLI, Wendelin **Assignee:** Prospective Concepts AG **Publication Number:** EP1358106 **Publication date:** 11/05/2003 **Kind:** APPLICATION WITH SEARCH REPORT

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

322. Nasal respiratory mask system and connection/disconnection means used therein

Omura, Keiko; Takishita, Masahide; Chin, Tongoh; Shimura, Hideharu; Fujimoto, Shinya; Fujiura, Kazuaki **Assignee:** Teijin Pharma Limited **Publication Number:** US8631793 **Publication date:** 01/21/2014 **Kind:** Patent

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

323. Breathable respiratory mask

Duckworth, Emma Louise; Purnomo, Denny Adianto; Patel, Bhavna; Huddart, Brett John; Powell, Kevin Blake

Publication Number: US20050056286 **Publication date:** 03/17/2005 **Kind:** Utility Patent Application

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

324. RESPIRATORY MASKS, SYSTEMS AND METHODS

FABIAN JUDIT; HILDESLEY MARK APPLETON; MACNEISH WILLIAM JACK III; GRANT WILLIAM EDWIN JOHN; NIEMAN EDWIN EGGE HENDRIK; STRUTT BENJAMIN JOHN; BASILE ROBERTO; BAKER JAMES **Assignee:** MICROSFERE PTE LTD **Publication Number:** EP3277386 **Publication date:** 11/07/2018 **Kind:** Supplementary search report

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

325. Strapless respiratory facial mask for customizing to the wearer's face

Petillo, Phillip J.; Belfer, William A. **Publication Number:** US5918598 **Publication date:** 07/06/1999 **Kind:** Utility Patent Grant

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

326. RESPIRATORY MASKS, SYSTEMS AND METHODS

FABIAN, Judit; HILDESLEY, Mark Appleton; MACNEISH, William, Jack, III; GRANT, William Edwin John; NIEMAN, Edwin Egge Hendrik; STRUTT, Benjamin John; BASILE, Roberto; BAKER, James **Assignee:** MICROSFERE PTE. LTD. **Publication Number:** WO2016157159 **Publication date:** 10/06/2016 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

327. Nose Respiratory Filtration Mask

Wan, Minghua **Publication Number:** US20170216634 **Publication date:** 08/03/2017 **Kind:** Patent Application Publication

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

328. RESPIRATORY MASK

BOWSHER, Richard Francis **Assignee:** Intersurgical AG **Publication Number:** EP3117862 **Publication date:** 01/18/2017 **Kind:** Patent Application Publication

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

329. RESPIRATORY DEVICE WITH FILTER

YEO, Jason **Assignee:** JCS GROUP; YEO, Jason **Publication Number:** WO2011037544 **Publication date:** 03/31/2011 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

330. RESPIRATORY COMPONENT ASSEMBLY

HU, Jia; KREPEL, Kenneth, J.; PILGRIM, John, M. **Assignee:** 3M Innovative Properties Company **Publication Number:** EP2814579 **Publication date:** 09/26/2018 **Kind:** Patent
Database: EP Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

331. Respiratory mask and method for producing the same

Lang, Bernd; Madaus, Stefan, Dr. **Assignee:** MAP Medizintechnik für Arzt und Patient GmbH & Co. KG **Publication Number:** EP1116492 **Publication date:** 07/18/2001 **Kind:** APPLICATION WITHOUT SEARCH REPORT
Database: EP Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

332. Filtering face-piece respiratory having foam shaping layer

Choi, Dong-Il; Lee, Jin-Ho; Kim, Joo-Youn; Lee, Seung-Joo **Assignee:** 3M Innovative Properties Co. **Publication Number:** EP2412407 **Publication date:** 02/01/2012 **Kind:** Patent Application Publication
Database: EP Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

333. Sealing lip device for a respiratory mask, respiratory mask and a method and a mould for producing the same

Melidis, Paris; Lauboeck, Theodor **Assignee:** MAP Medizin-Technologie GmbH **Publication Number:** US7827990
Publication date: 11/09/2010 **Kind:** Patent
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

334. Internal deflector for respiratory mask

Martin, Christopher S. **Publication Number:** US20070089737 **Publication date:** 04/26/2007 **Kind:** Utility Patent Application
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

335. Mask cushioning and forehead pad for a respiratory mask, respiratory mask in addition to a mould and method for their production

Biener, Achim; Bechtel, Martin; Lang, Bernd **Publication Number:** US20050199239 **Publication date:** 09/15/2005
Kind: Utility Patent Application
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

336. Respiratory mask having a vertically adjustable spacer element that limits seal deformation on a wearer's face

Serowski, Andrew; Starr, Eric W.; Pujol, John R. **Assignee:** Respironics, Inc. **Publication Number:** US5570689
Publication date: 11/05/1996 **Kind:** Utility Patent Grant
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

337. FACE MASK FOR DEFLECTING RESPIRATORY AEROSOLS GENERATED BY THE WEARER

Smaldone, Gerald **Publication Number:** US20130233325 **Publication date:** 09/12/2013 **Kind:** Patent Application Publication

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

338. Bypass system and method for respiratory therapy and anesthesia

Fiorenza, Francesco **Assignee:** Smart RS Inc. **Publication Number:** US10350377 **Publication date:** 07/16/2019

Kind: Patent

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

339. RESPIRATORY MASK WITH MICROPOROUS MEMBRANE AND ACTIVATED CARBON

Bansal, Vishal **Publication Number:** US20090211581 **Publication date:** 08/27/2009 **Kind:** Patent Application Publication

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

340. Eye-wear articles for use with respiratory masks

Wilson, Audra A.; Cormack, Brian; Curran, Desmond T.; Henderson, Christopher P. **Publication Number:** US20040069302 **Publication date:** 04/15/2004 **Kind:** Utility Patent Application

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

341. Eye-wear articles for use with respiratory masks

Henderson, Christopher P.; Curran, Desmond T.; Cormack, Brian; Wilson, Audra A. **Assignee:** 3M Innovative Properties Company **Publication Number:** US7077128 **Publication date:** 07/18/2006 **Kind:** Utility Patent Grant (with pre-grant publication)

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

342. Bypass system for respiratory therapy and anaesthesia

FIORENZA, Francesco **Assignee:** SMART RS INC. **Publication Number:** EP2898917 **Publication date:** 08/22/2018

Kind: Patent

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

343. Sound dampening housing for respiratory assist devices

Hawthorne, James E.; Finnegan, Linda A. **Publication Number:** US20020134378 **Publication date:** 09/26/2002

Kind: Utility Patent Application

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

344. Feeding arrangement for respiratory masks for food and drink intake during use

Horn, Michael; Schmidtke, Klaus **Assignee:** AUERGESELLSCHAFT GMBH **Publication Number:** EP1132113

Publication date: 09/12/2001 **Kind:** APPLICATION WITH SEARCH REPORT

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

345. Nasal respiratory devices for positive end-expiratory pressure

Loomas, Bryan; Doshi, Rajiv; Pierce, Ryan Kendall; Howard, Robert A.; Hatanaka, Motohide **Assignee:** Ventus Medical, Inc. **Publication Number:** US7806120 **Publication date:** 10/05/2010 **Kind:** Patent

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

346. BYPASS SYSTEM AND METHOD FOR RESPIRATORY THERAPY AND ANESTHESIA

Fiorenza, Francesco **Publication Number:** US20150202398 **Publication date:** 07/23/2015 **Kind:** Patent Application Publication

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

347. Respiratory device with unidirectional valve for attaching active venting system

Tang, Ee Ho; Sak, Kwok Jiang; Lee, Jerome Wei Liang **Assignee:** INNOSPARKS PTE LTD **Publication Number:** US10525292 **Publication date:** 01/07/2020 **Kind:** Patent

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

348. Sealing lip device for a respiratory mask, respiratory mask and a method and mould for producing the same

Melidis, Paris; Lauboeck, Theodor **Assignee:** ResMed R&D Germany GmbH **Publication Number:** US8931484

Publication date: 01/13/2015 **Kind:** Patent

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

349. RESPIRATORY DEVICE WITH UNIDIRECTIONAL VALVE FOR ATTACHING ACTIVE VENTING SYSTEM

TANG, Ee Ho; SAK, Kwok Jiang; LEE, Jerome Wei Liang **Assignee:** INNOSPARKS PTE LTD **Publication Number:** US20170120084 **Publication date:** 05/04/2017 **Kind:** Patent Application Publication

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

350. PROTECTIVE MASK

Gavriely, Oren **Publication Number:** US20090107515 **Publication date:** 04/30/2009 **Kind:** Patent Application Publication

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

351. Disposable protective mask

Klein, Max **Assignee:** Crane, Jr., Frederick G. **Publication Number:** US4643182 **Publication date:** 02/17/1987 **Kind:** Utility Patent Grant

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

352. RESPIRATORY MASKS, SYSTEMS AND METHODS

FABIAN, Judit; HILDESLEY, Mark Appleton; MACNEISH, III, William Jack; GRANT, William Edwin John; NIEMAN, Edwin Egge Hendrik; STRUTT, Benjamin John; BASILE, Roberto; BAKER, James **Assignee:** Microsfere Pte. Ltd.

Publication Number: US20180078798 **Publication date:** 03/22/2018 **Kind:** Patent Application Publication

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

353. Protective hood respirator

Resnick, Todd A. **Publication Number:** US6701925 **Publication date:** 03/09/2004 **Kind:** Utility Patent Grant (no pre-grant publication)

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

354. Quick-donning protective hood assembly

Zappa, James V.; Dosch, Jeffrey J. **Assignee:** Figgie International, Inc. **Publication Number:** US5113854

Publication date: 05/19/1992 **Kind:** Utility Patent Grant

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

355. Protective breathing mask with compressed air supply for breathing

Publication Number: US3935861 **Publication date:** 02/03/1976 **Kind:** Utility Patent Grant

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

356. Protective respirator

Siverson, Per-Erik **Assignee:** Flodins Filter AB **Publication Number:** EP149590 **Publication date:** 07/24/1985 **Kind:** APPLICATION WITHOUT SEARCH REPORT

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

357. Protective respirator

Siverson, Per-Erik **Assignee:** Flodins Filter AB **Publication Number:** EP149590 **Publication date:** 04/23/1986 **Kind:** PUBL. OF SEARCH REPORT

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

358. EXHALATION VALVE ASSEMBLY FOR A WEARABLE PROTECTIVE DEVICE

FLEMING, Richard; JOHNSTONE, Clive **Assignee:** JSP Limited **Publication Number:** EP3294422 **Publication date:** 03/21/2018 **Kind:** Patent Application Publication

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

359. Escape filtering apparatus with protective hood

Warncke, Ernst; Walther, Hans-Joachim; Schlobohm, Joachim **Assignee:** Drägerwerk Aktiengesellschaft **Publication Number:** EP29885 **Publication date:** 06/10/1981 **Kind:** APPLICATION WITH SEARCH REPORT

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

360. Protective combination comprising face mask, protective hood, and elastomeric gasket attached to peripheral edge of protective hood

Lewis, Patricia K.; Grilliot, Mary I.; Grilliot, William L. **Assignee:** Morning Pride Manufacturing, L.L.C. **Publication Number:** US20060102177 **Publication date:** 05/18/2006 **Kind:** Utility Patent Application

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

361. PROTECTIVE GARMENT

BAKER, Stephen **Assignee:** BAKER, Stephen **Publication Number:** WO2008066510 **Publication date:** 06/05/2008 **Kind:** Patent Application Publication(Republication)

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

362. Protective garment

Baker, Stephen G. **Publication Number:** US7228858 **Publication date:** 06/12/2007 **Kind:** Utility Patent Grant (with pre-grant publication)

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

363. PROTECTIVE HOOD

Duncan, Paul David **Publication Number:** US20090144884 **Publication date:** 06/11/2009 **Kind:** Patent Application Publication

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

364. Protective headgear system with filter protector

Green, Lawrence J. **Publication Number:** US20110240016 **Publication date:** 10/06/2011 **Kind:** Patent Application Publication

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

365. Air purifier for a protective garment

Hsieh, Hsin-Mao **Publication Number:** US20070283961 **Publication date:** 12/13/2007 **Kind:** Utility Patent Application

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

366. Air delivery and exhalation exhaust system for protective helmets

Crump, Kevin E.; Oleson, Richard A.; Gard, Jimmie D. **Assignee:** E. D. Bullard Company **Publication Number:** US5549104 **Publication date:** 08/27/1996 **Kind:** Utility Patent Grant

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

367. Protective hood with integrated externally adjustable nose clip

Resnick, Todd A. **Publication Number:** US6302103 **Publication date:** 10/16/2001 **Kind:** Utility Patent Grant (no pre-grant publication)

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

368. Filter pad and protective hood

Pinson, Jay D.; Jennings, Michael B.; Brindos, Raymond **Assignee:** Lifeline Tech, Inc. **Publication Number:** US7415981 **Publication date:** 08/26/2008 **Kind:** Patent

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

369. Aircraft crew member protective breathing apparatus

Elliott, Andrew; Kshirsager, Girish; Noehren, Wayne; Kuper, Chip **Assignee:** B/E AEROSPACE, INC. **Publication Number:** US9498656 **Publication date:** 11/22/2016 **Kind:** Patent

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

370. WEARABLE PROTECTIVE DEVICE

Johnstone, Clive **Assignee:** JSP Ltd. **Publication Number:** US20100126504 **Publication date:** 05/27/2010 **Kind:** Patent Application Publication

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

371. Protective mask

Kling, Robert J. **Publication Number:** US7836887 **Publication date:** 11/23/2010 **Kind:** Patent

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

372. METHOD AND APPARATUS FOR THE UTILIZATION OF EXHAUST GASES FROM A PROTECTIVE HEAD MASK

SURVONEN, Antti **Assignee:** SURVONEN, Antti **Publication Number:** WO9927998 **Publication date:** 06/10/1999
Kind: Patent Application Publication
Database: WO Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

373. PROTECTIVE RESPIRATOR'S AIR GUIDANCE SYSTEM AND PROTECTIVE RESPIRATOR

INKINEN HANNU **Assignee:** AIR ACE OY **Publication Number:** WO9219322 **Publication date:** 11/12/1992 **Kind:** Patent Application Publication
Database: WO Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

374. PERSONAL PROTECTIVE EQUIPMENT AND METHODS

O'LEARY, Michael; BRAUN, Daniel Joseph; KIM, Choll Wan **Assignee:** MDIDEAFACTORY **Publication Number:** WO2017062474 **Publication date:** 04/13/2017 **Kind:** Patent Application Publication
Database: WO Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

375. Protective breathing mask

Amit, Uri; Reisman, Ron **Publication Number:** US4870959 **Publication date:** 10/03/1989 **Kind:** Utility Patent Grant
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

376. Aircraft crew member protective breathing apparatus

Elliott, Andrew; Kshirsagar, Girish; Noehren, Wayne; Kuper, Chip **Assignee:** B/E Aerospace, Inc. **Publication Number:** US10046184 **Publication date:** 08/14/2018 **Kind:** Patent
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

377. Protective headgear system

Murillo, Celestino; Green, Lawrence; Rios, Obed **Publication Number:** US20050060788 **Publication date:** 03/24/2005 **Kind:** Utility Patent Application
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

378. Protective headgear system

Rios, Obed; Green, Lawrence; Murillo, Celestino **Assignee:** Pabbon Development, Inc. **Publication Number:** US6918141 **Publication date:** 07/19/2005 **Kind:** Utility Patent Grant (with pre-grant publication)
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

379. Protective hood with adjustable visor

Resnick, Todd A. **Publication Number:** US6817358 **Publication date:** 11/16/2004 **Kind:** Utility Patent Grant (no pre-grant publication)

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

380. AIRCRAFT CREW MEMBER PROTECTIVE BREATHING APPARATUS

ELLIOTT, Andrew; KSHIRSAGER, Girish; NOEHREN, Wayne; KUPER, Chip **Assignee:** BE AEROSPACE, INC. **Publication Number:** WO2014011656 **Publication date:** 01/16/2014 **Kind:** Patent Application Publication(Republication)

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

381. Protective breathing mask

Nur, Benyamin; Resnick, Todd A. **Assignee:** Duram Rubber Products **Publication Number:** US5875775 **Publication date:** 03/02/1999 **Kind:** Utility Patent Grant

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

382. Protective suit ventilated by self-powered bellows

Steinert, Robert Brace **Publication Number:** US20050011517 **Publication date:** 01/20/2005 **Kind:** Utility Patent Application

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

383. PROTECTIVE FACE COVER AND MOLDABLE ATTACHMENT

FERNANDEZ-DECASTRO, Aurora **Assignee:** FERNANDEZ-DECASTRO, Aurora **Publication Number:** WO2011088424 **Publication date:** 07/21/2011 **Kind:** Patent Application Publication(Republication)

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

384. PROTECTIVE FACE COVER AND MOLDABLE ATTACHMENT

FERNANDEZ-DECASTRO, Aurora **Assignee:** FERNANDEZ-DECASTRO, Aurora **Publication Number:** WO2011088424 **Publication date:** 11/24/2011 **Kind:** PUBL. OF SEARCH REPORT

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

385. Twin collar protective enclosure

Wong, Albert H. **Publication Number:** US5411017 **Publication date:** 05/02/1995 **Kind:** Utility Patent Grant

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

386. HOOD ASSEMBLY FOR USE WITH A PROTECTIVE SUIT

Darvill, William; Hodgson, Matthew James **Assignee:** AVON POLYMER PRODUCTS LIMITED **Publication Number:** US20130025589 **Publication date:** 01/31/2013 **Kind:** Patent Application Publication

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

387. Protective face cover and moldable attachment

Fernandez-DeCastro, Aurora L. **Assignee:** Fernandez De Castro, Aurora L. **Publication Number:** US7958889

Publication date: 06/14/2011 **Kind:** Patent

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

388. Protective headgear system with filter protector

Green, Lawrence **Assignee:** Pabban Development, Inc. **Publication Number:** US8302599 **Publication date:** 11/06/2012 **Kind:** Patent

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

389. Aircraft crew member protective breathing apparatus

Elliott, Andrew; Kshirsagar, Girish; Noehren, Wayne; Kuper, Chip **Assignee:** B/E Aerospace, Inc. **Publication Number:** US9545530 **Publication date:** 01/17/2017 **Kind:** Patent

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

390. Protective headgear system with filter protector

Green, Lawrence J. **Publication Number:** US20100229870 **Publication date:** 09/16/2010 **Kind:** Patent Application Publication

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

391. Protective hood and oral/nasal mask

Brookman, Michael J.; Hiner, Eric M. **Assignee:** DME Corporation **Publication Number:** US6340024 **Publication date:** 01/22/2002 **Kind:** Utility Patent Grant (no pre-grant publication)

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

392. Protective mask for airborne toxic substances

Bloom, Aaron; Little, Malcolm E.; Shoemaker, Charles J.; Scavnicky, John A.; Hagy, Emily M. **Assignee:** The United States of America as represented by the Secretary of the Army **Publication Number:** US4595003 **Publication date:** 06/17/1986 **Kind:** Utility Patent Grant

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

393. Protective suit having a supply of breathing air

Pasternack, Adalbert **Assignee:** Dragerwerk Aktiengesellschaft **Publication Number:** US4881539 **Publication date:** 11/21/1989 **Kind:** Utility Patent Grant

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

394. Protective suit for an individual and related assembly

Carron, Gérard **Assignee:** Matériels Industriels de Sécurité **Publication Number:** US8464366 **Publication date:** 06/18/2013 **Kind:** Patent

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

395. Ergonomic protective air filtration devices and methods for manufacturing the same

Goranov, Konstantin; Milencheva, Albena **Assignee:** Salutaris LLP **Publication Number:** US8905034 **Publication date:** 12/09/2014 **Kind:** Patent

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

396. Face mask, head harness, and protective hood for firefighter

Grilliot, Mary I.; Grilliot, William L. **Assignee:** Morning Pride Manufacturing, L.L.C. **Publication Number:** US6691314 **Publication date:** 02/17/2004 **Kind:** Utility Patent Grant (no pre-grant publication)

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

397. AIRCRAFT CREW MEMBER PROTECTIVE BREATHING APPARATUS

Elliott, Andrew; Kshirsagar, Girish; Noehren, Wayne; Kuper, Chip **Assignee:** B/E Aerospace, Inc. **Publication Number:** US20170043192 **Publication date:** 02/16/2017 **Kind:** Patent Application Publication

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

398. AIRCRAFT CREW MEMBER PROTECTIVE BREATHING APPARATUS

Elliott, Andrew; Kshirsagar, Girish; Noehren, Wayne; Kuper, Chip **Assignee:** B/E Aerospace, Inc. **Publication Number:** US20140014099 **Publication date:** 01/16/2014 **Kind:** Patent Application Publication

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

399. AIRCRAFT CREW MEMBER PROTECTIVE BREATHING APPARATUS

ELLIOTT, Andrew; KSHIRSAGAR, Girish; NOEHREN, Wayne; KUPER, Chip **Assignee:** B/E AEROSPACE, INC. **Publication Number:** WO2015006468 **Publication date:** 01/15/2015 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

400. AIRCRAFT CREW MEMBER PROTECTIVE BREATHING APPARATUS

ELLIOTT, Andrew; KSHIRSAGAR, Girish; NOEHREN, Wayne; KUPER, Chip **Assignee:** B/E Aerospace, Inc.

Publication Number: EP3019245 **Publication date:** 05/18/2016 **Kind:** Patent Application Publication

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

401. PROTECTIVE RESPIRATORY DEVICE

SUNDSTROEM MICHAEL **Assignee:** SUNDSTROM SAFETY AB **Publication Number:** WO9314819 **Publication date:** 08/05/1993 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

402. RESPIRATORY PROTECTIVE DEVICE

NIEMEYER TRENTON A **Assignee:** FILCON CORP **Publication Number:** WO8806468 **Publication date:** 09/07/1988 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

403. RETRACTABLE PROTECTIVE RESPIRATORY MASK

Sanchez Talero, John Alejandro **Publication Number:** US20140007888 **Publication date:** 01/09/2014 **Kind:** Patent Application Publication

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

404. Combined half-mask and hood type protective respiratory device

Sundstrom, Michael **Assignee:** Sundstrom Safety AB **Publication Number:** US5431156 **Publication date:** 07/11/1995 **Kind:** Utility Patent Grant

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

405. Respiratory protective device

Niemeyer, Trenton A. **Assignee:** Filcon Corporation **Publication Number:** US5086768 **Publication date:** 02/11/1992

Kind: Utility Patent Grant

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

406. RESPIRATORY PROTECTIVE EQUIPMENT

HURUICHI, Ryohei; ISHIKAWA, Yu **Assignee:** KOKEN LTD. **Publication Number:** WO2013125656 **Publication date:** 08/29/2013 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

407. Respiratory protective apparatus

Grant, Andrew D.; Blackwood, Thomas; Deacon, Alastair M.; Wilkie, Jacqueline; Govan, Kenneth M.; Stickland, Matthew T. **Assignee:** Mine Safety Appliances Company **Publication Number:** US5577496 **Publication date:** 11/26/1996 **Kind:** Utility Patent Grant

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

408. Respiratory protective device

Blackwood, Thomas; Govan, Kenneth McIntosh; Wilkie, Jacqueline; Deacon, Alastair McDonald; Grant, Andrew Douglas; Stickland, Matthew Thomas **Assignee:** MSA (BRITAIN) LIMITED **Publication Number:** EP621056 **Publication date:** 10/26/1994 **Kind:** APPLICATION WITH SEARCH REPORT

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

409. RESPIRATORY PROTECTIVE EQUIPMENT

HURUICHI, Ryohei; ISHIKAWA, Yu **Assignee:** Koken Ltd. **Publication Number:** EP2818205 **Publication date:** 12/31/2014 **Kind:** Patent Application Publication

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

410. RETRACTABLE PROTECTIVE RESPIRATORY MASK

SANCHEZ TALERO JOHN ALEJANDRO **Assignee:** SANCHEZ TALERO JOHN ALEJANDRO **Publication Number:** WO2012127296 **Publication date:** 04/25/2013 **Kind:** PUBL. OF SEARCH REPORT

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

411. RETRACTABLE PROTECTIVE RESPIRATORY MASK

SANCHEZ TALERO JOHN ALEJANDRO **Assignee:** SANCHEZ TALERO JOHN ALEJANDRO **Publication Number:** WO2012127296 **Publication date:** 09/27/2012 **Kind:** Patent Application Publication(Republication)

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

412. Protective Respiratory Mask with Electronic System

Gabriel, Pamela **Publication Number:** US20180280738 **Publication date:** 10/04/2018 **Kind:** Patent Application Publication

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

413. RESPIRATORY PROTECTIVE TOOL PROVIDED WITH ELECTRIC FAN

MISAKI, Yukinori; FUJII, Hiroyuki; ONISHI, Tomohiro; TAI, Soichiro **Assignee:** INSTITUTE OF NATIONAL COLLEGES OF TECHNOLOGY, JAPAN **Publication Number:** WO2013039153 **Publication date:** 03/21/2013 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

414. SYSTEM FOR MONITORING WEARERS OF PROTECTIVE RESPIRATORY EQUIPMENT

FELD, Sven; GIUDICI, Christian; KIESEWALTER, Thorsten **Assignee:** Deutsche Telekom AG **Publication Number:** EP1077742 **Publication date:** 02/28/2001 **Kind:** APPLICATION WITH SEARCH REPORT

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

415. Protective system for face and respiratory protection

Berrigan, Michael R.; Carey, Jr., Patrick H.; Danisch, Susan G. **Assignee:** 3M Innovative Properties Company **Publication Number:** US6279572 **Publication date:** 08/28/2001 **Kind:** Utility Patent Grant (no pre-grant publication)

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

416. Protective system for face and respiratory protection

Danisch, Susan G.; Carey, Jr., Patrick H.; Berrigan, Michael R. **Assignee:** 3M Innovative Properties Company **Publication Number:** US6250299 **Publication date:** 06/26/2001 **Kind:** Utility Patent Grant (no pre-grant publication)

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

417. Protective system for face and respiratory protection

Danisch, Susan G.; Berrigan, Michael R.; Carey, Jr., Patrick H. **Assignee:** MINNESOTA MINING AND MANUFACTURING COMPANY **Publication Number:** EP1127588 **Publication date:** 02/12/2003 **Kind:** PUBL. OF SEARCH REPORT

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

418. Protective system for face and respiratory protection

Danisch, Susan G.; Berrigan, Michael R.; Carey, Jr., Patrick H. **Assignee:** MINNESOTA MINING AND MANUFACTURING COMPANY **Publication Number:** EP1127588 **Publication date:** 08/29/2001 **Kind:** APPLICATION WITHOUT SEARCH REPORT

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

419. PROTECTIVE SYSTEM FOR FACE AND RESPIRATORY PROTECTION

DANISCH SUSAN G; BERRIGAN MICHAEL R; CAREY PATRICK H JR **Assignee:** MINNESOTA MINING & MFG **Publication Number:** WO9908752 **Publication date:** 02/25/1999 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

420. PROTECTIVE SYSTEM FOR FACE AND RESPIRATORY PROTECTION

BERRIGAN, Michael, R.; CAREY, Patrick, H., Jr.; DANISCH, Susan, G. **Assignee:** MINNESOTA MINING AND MANUFACTURING COMPANY **Publication Number:** EP1003590 **Publication date:** 05/31/2000 **Kind:** APPLICATION WITH SEARCH REPORT

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

421. Protective helmet with an anchoring device for a respiratory mask

Guay, Louis; Galet, Adrien **Assignee:** Gallet S.A. **Publication Number:** US6389606 **Publication date:** 05/21/2002
Kind: Utility Patent Grant (no pre-grant publication)
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

422. System for monitoring wearers of protective respiratory equipment

Kiesewalter, Thorsten; Feld, Sven; Giudici, Christian **Assignee:** Deutsche Telekom AG **Publication Number:** US6472988 **Publication date:** 10/29/2002 **Kind:** Utility Patent Grant (no pre-grant publication)
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

423. Protective system for face and respiratory protection

Danisch, Susan G.; Berrigan, Michael R.; Carey, Jr., Patrick H. **Assignee:** 3M Innovative Properties Company
Publication Number: US6014971 **Publication date:** 01/18/2000 **Kind:** Utility Patent Grant
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

424. Drink tube system for respiratory protective device

Resnick, Todd A. **Assignee:** TMR-E, LLC **Publication Number:** US7810493 **Publication date:** 10/12/2010 **Kind:** Patent
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

425. Drink Tube System for Respiratory Protective Device

Resnick, Todd A. **Publication Number:** US20080093399 **Publication date:** 04/24/2008 **Kind:** Patent Application Publication
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

426. Respiratory apparatus with protective hood

Walther, Hans-Joachim, Ing. grad. **Assignee:** Drägerwerk Aktiengesellschaft **Publication Number:** EP86871
Publication date: 12/14/1983 **Kind:** PUBL. OF SEARCH REPORT
Database: EP Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

427. Respiratory apparatus with protective hood

Walther, Hans-Joachim, Ing. grad. **Assignee:** Drägerwerk Aktiengesellschaft **Publication Number:** EP86871
Publication date: 08/31/1983 **Kind:** APPLICATION WITHOUT SEARCH REPORT
Database: EP Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

428. SYSTEM FOR MONITORING WEARERS OF PROTECTIVE RESPIRATORY EQUIPMENT

KIESEWALTER, Thorsten; FELD, Sven; GIUDICI, Christian **Assignee:** Deutsche Telekom AG **Publication Number:** EP1077742 **Publication date:** 06/06/2007 **Kind:** Patent

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

429. SYSTEM FOR MONITORING WEARERS OF PROTECTIVE RESPIRATORY EQUIPMENT

FELD, Sven; GIUDICI, Christian; KIESEWALTER, Thorsten **Assignee:** DEUTSCHE TELEKOM AG **Publication Number:** WO9959676 **Publication date:** 11/25/1999 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

430. Device for registering and monitoring wearers of protective respiratory equipment

POELZ, HERBERT; Pölz, Herbert **Assignee:** Industrieelektronik Pölz; INDUSTRIEELEKTRONIK POELZ **Publication Number:** EP1563872 **Publication date:** 08/17/2005 **Kind:** Application with Search Report

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

431. Respiratory protection device

Furuichi, Ryohei; Ishikawa, Yu **Assignee:** KOKEN LTD. **Publication Number:** US9901758 **Publication date:** 02/27/2018 **Kind:** Patent

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

432. RESPIRATORY PROTECTION DEVICE

Furuichi, Ryohei; Ishikawa, Yu **Assignee:** KOKEN LTD. **Publication Number:** US20150034080 **Publication date:** 02/05/2015 **Kind:** Patent Application Publication

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

433. Flat-folded personal respiratory protection devices

Bostock, Graham J.; Bryant, John W.; Curran, Desmond T.; Henderson, Christopher P.; Krueger, Dennis L.; Dyrud, James F. **Assignee:** 3M Innovative Properties Company **Publication Number:** US8146594 **Publication date:** 04/03/2012 **Kind:** Patent

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

434. A FULL FACE RESPIRATORY PROTECTION DEVICE

BETZ, James, R. **Assignee:** 3M Innovative Properties Company **Publication Number:** EP2001563 **Publication date:** 09/05/2018 **Kind:** Patent

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

435. FLAT-FOLDED PERSONAL RESPIRATORY PROTECTION DEVICES AND PROCESSES FOR PREPARING SAME

CHEN DANIEL T; NOURI DANA W **Assignee:** 3M INNOVATIVE PROPERTIES CO **Publication Number:** WO48481
Publication date: 08/24/2000 **Kind:** Patent Application Publication
Database: WO Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

436. Flat-folded personal respiratory protection devices

Bostock, Graham J.; Bryant, John W.; Curran, Des T.; Henderson, Chris P.; Krueger, Dennis L.; Dyrud, James F.
Assignee: 3M Innovative Properties Company **Publication Number:** EP2229983 **Publication date:** 09/22/2010 **Kind:** Patent Application Publication
Database: EP Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

437. FULL FACE RESPIRATORY PROTECTION DEVICE

Betz, James R. **Assignee:** 3M Innovative Properties Company **Publication Number:** US20070235031 **Publication date:** 10/11/2007 **Kind:** Utility Patent Application
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

438. RESPIRATORY PROTECTION DEVICE AND PROCESSES PRODUCING SAME

TUAN, Rui-hong; LIANG, Yu-chieh; JAI, Benchiao **Assignee:** MASGICK, INC. **Publication Number:** WO2018033108
Publication date: 02/22/2018 **Kind:** Patent Application Publication
Database: WO Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

439. Equipment for respiratory protection against pollutants

Schegerin, Robert **Assignee:** Intertechnique **Publication Number:** US5318020 **Publication date:** 06/07/1994 **Kind:** Utility Patent Grant
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

440. Flat-folded personal respiratory protection devices and processes for preparing same

Chen, Daniel T.; Nouri, Dana W. **Assignee:** 3M Innovative Properties Company **Publication Number:** US6394090
Publication date: 05/28/2002 **Kind:** Utility Patent Grant (no pre-grant publication)
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

441. FLAT-FOLDED PERSONAL RESPIRATORY PROTECTION DEVICES AND PROCESSES FOR PREPARING SAME

CHEN, Daniel, T.; NOURI, Dana, W. **Assignee:** 3M Innovative Properties Company **Publication Number:** EP1152668
Publication date: 11/14/2001 **Kind:** APPLICATION WITH SEARCH REPORT
Database: EP Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

442. FLAT-FOLDED PERSONAL RESPIRATORY PROTECTION DEVICES AND PROCESSES FOR PREPARING SAME

BOSTOCK, Graham, J.; BRYANT, John, W.; CURRAN, Desmond, T.; HENDERSON, Christopher, P.; KRUEGER, Dennis, L.; DYRUD, James, F. **Assignee:** MINNESOTA MINING AND MANUFACTURING COMPANY **Publication Number:** WO9628217 **Publication date:** 09/19/1996 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

443. Flat-folded personal respiratory protection devices and processes for preparing same

Bostock, Graham J.; Bryant, John W.; Curran, Des T.; Henderson, Chris P.; Krueger, Dennis L.; Dyrud, James F. **Assignee:** MINNESOTA MINING AND MANUFACTURING COMPANY **Publication Number:** EP1147787 **Publication date:** 10/24/2001 **Kind:** APPLICATION WITHOUT SEARCH REPORT

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

444. Flat-folded personal respiratory protection devices and processes for preparing same

Krueger, Dennis L.; Dyrud, James F.; Bostock, Graham J.; Bryant, John W.; Curran, Desmond T.; Henderson, Christopher P. **Assignee:** 3M Innovative Properties Company **Publication Number:** US20030192546 **Publication date:** 10/16/2003 **Kind:** Utility Patent Application

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

445. Flat-folded personal respiratory protection devices and processes for preparing same

Curran, Desmond T.; Bostock, Graham J.; Bryant, John W.; Henderson, Christopher P.; Dyrud, James F.; Krueger, Dennis L. **Assignee:** 3M Innovative Properties Company **Publication Number:** US6123077 **Publication date:** 09/26/2000 **Kind:** Utility Patent Grant

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

446. FLAT-FOLDED PERSONAL RESPIRATORY PROTECTION DEVICES

Bostock, Graham J.; Bryant, John W.; Curran, Desmond T.; Henderson, Christopher P.; Krueger, Dennis L.; Dyrud, James F. **Assignee:** 3M Innovative Properties Company **Publication Number:** US20100095967 **Publication date:** 04/22/2010 **Kind:** Patent Application Publication

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

447. A FULL FACE RESPIRATORY PROTECTION DEVICE

BETZ, James, R. **Assignee:** 3M INNOVATIVE PROPERTIES COMPANY **Publication Number:** WO2008036435 **Publication date:** 03/27/2008 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

448. Processes for preparing flat-folded personal respiratory protection devices

Dyrud, James F.; Bryant, John W.; Henderson, Christopher P.; Krueger, Dennis L.; Bostock, Graham J.; Curran, Desmond T. **Assignee:** 3M Innovative Properties Company **Publication Number:** US6715489 **Publication date:** 04/06/2004 **Kind:** Utility Patent Grant (with pre-grant publication)
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

449. Processes for preparing flat-folded personal respiratory protection devices

Bryant, John W.; Krueger, Dennis L.; Dyrud, James F.; Curran, Desmond T.; Bostock, Graham J.; Henderson, Christopher P. **Publication Number:** US20030015201 **Publication date:** 01/23/2003 **Kind:** Utility Patent Application
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

450. Powered Apparatus for a Personal Protection Respiratory Device

Duff, John A.; Cooper, Benjamin H.; Graves, Jason A.; Urban, Henning T. **Assignee:** 3M INNOVATIVE PROPERTIES COMPANY **Publication Number:** US20200038614 **Publication date:** 02/06/2020 **Kind:** Patent Application Publication
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

451. POWERED APPARATUS FOR A PERSONAL PROTECTION RESPIRATORY DEVICE

DUFF, John A.; COOPER, Benjamin; GRAVES, Jason; URBAN, Henning **Assignee:** 3M INNOVATIVE PROPERTIES COMPANY **Publication Number:** WO2018132587 **Publication date:** 07/19/2018 **Kind:** Patent Application Publication
Database: WO Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

452. POWERED EXHAUST APPARATUS FOR A PERSONAL PROTECTION RESPIRATORY DEVICE

CURRAN, Desmond T. **Assignee:** 3M Innovative Properties Company **Publication Number:** EP2922599 **Publication date:** 02/27/2019 **Kind:** Patent
Database: EP Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

453. Powered Exhaust Apparatus For A Personal Protection Respiratory Device

Curran, Desmon T.; Duff, John A.; Cooper, Benjamin H.; Graves, Jason A.; Abdulqader, Reyad A. **Assignee:** 3M INNOVATIVE PROPERTIES COMPANY **Publication Number:** US20180185677 **Publication date:** 07/05/2018 **Kind:** Patent Application Publication
Database: US Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

454. POWERED EXHAUST APPARATUS FOR A PERSONAL PROTECTION RESPIRATORY DEVICE

CURRAN, Desmond, T.; HENDERSON, Christopher, P.; COOPER, Benjamin, H.; GODFREY, Phillip, J. **Assignee:** 3M Innovative Properties Company **Publication Number:** EP2890463 **Publication date:** 07/24/2019 **Kind:** Patent
Database: EP Patents
Compilation and indexing terms, 2020 LexisNexis Univentio B.V.
Data Provider: Engineering Village

455. POWERED EXHAUST APPARATUS FOR A PERSONAL PROTECTION RESPIRATORY DEVICE

CURRAN, Desmond T.; HENDERSON, Christopher P.; COOPER, Benjamin H.; GODFREY, Phillip, J. **Assignee:** 3M Innovative Properties Company **Publication Number:** EP3498339 **Publication date:** 06/19/2019 **Kind:** Patent Application Publication

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

456. Method of making a flat-folded personal respiratory protection device

Bryant, John W.; Curran, Desmond T.; Bostock, Graham J.; Krueger, Dennis L.; Henderson, Christopher P.; Dyrud, James F. **Assignee:** 3M Innovative Properties Company **Publication Number:** US6722366 **Publication date:** 04/20/2004 **Kind:** Utility Patent Grant (with pre-grant publication)

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

457. POWERED EXHAUST APPARATUS FOR A PERSONAL PROTECTION RESPIRATORY DEVICE

CURRAN, Desmond T.; DUFF, John A.; COOPER, Benjamin H.; GRAVES, Jason A.; ABDULQADER, Reyad A.

Assignee: 3M Innovative Properties Company **Publication Number:** EP3319696 **Publication date:** 05/16/2018 **Kind:** Patent Application Publication

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

458. POWERED EXHAUST APPARATUS FOR A PERSONAL PROTECTION RESPIRATORY DEVICE

CURRAN, Desmond T.; DUFF, John A.; COOPER, Benjamin H.; GRAVES, Jason A.; ABDULQADER, Reyad A.

Assignee: 3M INNOVATIVE PROPERTIES COMPANY **Publication Number:** WO2017007633 **Publication date:** 01/12/2017 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

459. Powered Exhaust Apparatus For A Personal Protection Respiratory Device

Curran, Desmond T. **Assignee:** 3M INNOVATIVE PROPERTIES COMPANY **Publication Number:** US20150290478

Publication date: 10/15/2015 **Kind:** Patent Application Publication

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

460. POWERED EXHAUST APPARATUS FOR A PERSONAL PROTECTION RESPIRATORY DEVICE

CURRAN, Desmond, T.; HENDERSON, Christopher, P.; COOPER, Benjamin, H.; GODFREY, Phillip, J. **Assignee:** 3M INNOVATIVE PROPERTIES COMPANY **Publication Number:** WO2014035641 **Publication date:** 11/20/2014 **Kind:** PUBL. OF SEARCH REPORT

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

461. FLAT-FOLDED PERSONAL RESPIRATORY PROTECTION DEVICES AND PROCESSES FOR PREPARING SAME

Dyrud, James F.; Bryan, John W.; Bostock, Graham J.; Curran, Desmond T.; Krueger, Dennis L.; Henderson, Christopher P. **Assignee:** 3M Innovative Properties Company **Publication Number:** US20060180152 **Publication date:** 08/17/2006 **Kind:** Utility Patent Application

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

462. POWERED EXHAUST APPARATUS FOR A PERSONAL PROTECTION RESPIRATORY DEVICE

CURRAN, Desmond T. **Assignee:** 3M INNOVATIVE PROPERTIES COMPANY **Publication Number:** WO2014081788 **Publication date:** 05/30/2014 **Kind:** Patent Application Publication(Republication)

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

463. POWERED EXHAUST APPARATUS FOR A PERSONAL PROTECTION RESPIRATORY DEVICE

CURRAN, Desmond T. **Assignee:** 3M INNOVATIVE PROPERTIES COMPANY **Publication Number:** WO2014081788 **Publication date:** 08/28/2014 **Kind:** PUBL. OF SEARCH REPORT

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

464. POWERED EXHAUST APPARATUS FOR A PERSONAL PROTECTION RESPIRATORY DEVICE

CURRAN, Desmond, T.; HENDERSON, Christopher, P.; COOPER, Benjamin, H.; GODFREY, Phillip, J. **Assignee:** 3M INNOVATIVE PROPERTIES COMPANY **Publication Number:** WO2014035641 **Publication date:** 03/06/2014 **Kind:** Patent Application Publication(Republication)

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

465. POWERED EXHAUST APPARATUS FOR A PERSONAL PROTECTION RESPIRATORY DEVICE

CURRAN, Desmond, T.; HENDERSON, Christopher, P.; COOPER, Benjamin, H.; GODFREY, Phillip, J. **Assignee:** 3M Innovative Properties Company **Publication Number:** EP2890463 **Publication date:** 07/08/2015 **Kind:** Patent Application Publication(Republication)

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

466. Powered Exhaust Apparatus For A Personal Protection Respiratory Device

Curran, Desmond T.; Henderson, Christopher P.; Godfrey, Phillip J.; Cooper, Benjamin H. **Assignee:** 3M Innovative Properties Company **Publication Number:** US20150202473 **Publication date:** 07/23/2015 **Kind:** Patent Application Publication

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

467. Flat-folded personal respiratory protection devices and processes for preparing same

Dyrud, James F.; Bryant, John W.; Bostock, Graham J.; Krueger, Dennis L.; Henderson, Christopher P.; Curran, Desmond T. **Assignee:** 3M Innovative Properties Company **Publication Number:** US20050139218 **Publication date:** 06/30/2005 **Kind:** Utility Patent Application

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

468. Flat-folded personal respiratory protection devices and processes for preparing same

Bostock, Graham J.; Bryant, John W.; Curran, Desmond T.; Henderson, Christopher P.; Krueger, Dennis L.; Dyrud, James F. **Assignee:** 3M Innovative Properties Company **Publication Number:** US8375950 **Publication date:** 02/19/2013 **Kind:** Patent

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

469. POWERED EXHAUST APPARATUS FOR A PERSONAL PROTECTION RESPIRATORY DEVICE

CURRAN, Desmond T. **Assignee:** 3M Innovative Properties Company **Publication Number:** EP2922599 **Publication date:** 09/30/2015 **Kind:** Patent Application Publication(Republication)

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

470. Flat-folded personal respiratory protection devices and processes for preparing same

Krueger, Dennis L.; Curran, Desmond T.; Bostock, Graham J.; Dyrud, James F.; Henderson, Christopher P.; Bryant, John W. **Assignee:** 3M Innovative Properties Company **Publication Number:** US7069930 **Publication date:** 07/04/2006 **Kind:** Utility Patent Grant (with pre-grant publication)

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

471. RESPIRATORY PROTECTION DEVICE POSITIVE PRESSURE SEAL CHECK METHODS AND DEVICES

CASTIGLIONE, David M.; BRAXTON, Thomas R., II **Assignee:** 3M INNOVATIVE PROPERTIES COMPANY **Publication Number:** WO2019234627 **Publication date:** 12/12/2019 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

472. Respiratory protection mask for a compressed air breathing apparatus

King, Peter **Publication Number:** US20050066966 **Publication date:** 03/31/2005 **Kind:** Utility Patent Application

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

473. RESPIRATORY PROTECTION MASK FOR A COMPRESSED AIR BREATHING APPARATUS

KLING, Peter **Assignee:** MSA Auer GmbH **Publication Number:** EP1448271 **Publication date:** 08/25/2004 **Kind:** APPLICATION WITH SEARCH REPORT

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

474. Flat-folded personal respiratory protection devices and processes for preparing same

Bostock, Graham J.; Bryant, John W.; Curran, Des T.; Henderson, Chris P.; Krueger, Dennis L.; Dyrud, James F. **Assignee:** MINNESOTA MINING AND MANUFACTURING COMPANY **Publication Number:** EP1994961

Publication date: 11/26/2008 **Kind:** Patent Application Publication

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

475. Flat-folded personal respiratory protection devices and processes for preparing same

Curran, Desmond T.; Krueger, Dennis L.; Bostock, Graham J.; Dyrud, James F.; Bryant, John W.; Henderson, Christopher P. **Assignee:** 3M Innovative Properties Company **Publication Number:** US6886563 **Publication date:** 05/03/2005 **Kind:** Utility Patent Grant (with pre-grant publication)

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

476. Flat-folded personal respiratory protection devices and process for preparing same

Bostock, Graham J.; Bryant, John W.; Curran, Des T.; Henderson, Chris P.; Krueger, Dennis L.; Dyrud, James F. **Assignee:** MINNESOTA MINING AND MANUFACTURING COMPANY **Publication Number:** EP1258267

Publication date: 11/20/2002 **Kind:** APPLICATION WITHOUT SEARCH REPORT

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

477. Flat-folded personal respiratory protection devices and process for preparing same

Bostock, Graham J.; Bryant, John W.; Curran, Des T.; Henderson, Chris P.; Krueger, Dennis L.; Dyrud, James F. **Assignee:** MINNESOTA MINING AND MANUFACTURING COMPANY **Publication Number:** EP1258267

Publication date: 02/12/2003 **Kind:** PUBL. OF SEARCH REPORT

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

478. FLAT-FOLDED PERSONAL RESPIRATORY PROTECTION DEVICES AND PROCESSES FOR PREPARING SAME

BOSTOCK, Graham, J.; BRYANT, John, W.; CURRAN, Desmond, T.; HENDERSON, Christopher, P.; KRUEGER, Dennis, L.; DYRUD, James, F. **Assignee:** MINNESOTA MINING AND MANUFACTURING COMPANY **Publication Number:** EP814871 **Publication date:** 01/07/1998 **Kind:** APPLICATION WITH SEARCH REPORT

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

479. Flat-folded personal respiratory protection devices and processes for preparing same

Bostock, Graham J.; Bryant, John W.; Curran, Des T.; Henderson, Chris P.; Krueger, Dennis L.; Dyrud, James F. **Assignee:** MINNESOTA MINING AND MANUFACTURING COMPANY **Publication Number:** EP1147787

Publication date: 02/12/2003 **Kind:** PUBL. OF SEARCH REPORT

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

480. Flat-folded personal respiratory protection devices and processes for preparing same

Dyrud, James F.; Curran, Desmond T.; Bryant, John W.; Bostock, Graham J.; Krueger, Dennis L.; Henderson, Christopher P. **Assignee:** 3M Innovative Properties Company **Publication Number:** US6484722 **Publication date:** 11/26/2002 **Kind:** Utility Patent Grant (with pre-grant publication)

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

481. Flat-folded personal respiratory protection devices and processes for preparing same

Curran, Desmond T.; Bryant, John W.; Krueger, Dennis L.; Bostock, Graham J.; Henderson, Christopher P.; Dyrud, James F. **Assignee:** 3M Innovative Properties Company **Publication Number:** US6536434 **Publication date:** 03/25/2003 **Kind:** Utility Patent Grant (no pre-grant publication)

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

482. Flat-folded personal respiratory protection devices and processes for preparing same

Dyrud, James F.; Krueger, Dennis L.; Bryant, John W.; Curran, Desmond T.; Henderson, Christopher P.; Bostock, Graham J. **Assignee:** 3M Innovative Properties Company **Publication Number:** US6568392 **Publication date:** 05/27/2003 **Kind:** Utility Patent Grant (no pre-grant publication)

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

483. Flat-folded personal respiratory protection devices and processes for preparing same

Bostock, Graham J.; Bryant, John W.; Krueger, Dennis L.; Dyrud, James F.; Curran, Desmond T.; Henderson, Christopher P. **Assignee:** 3M Innovative Properties Company **Publication Number:** US20010015205 **Publication date:** 08/23/2001 **Kind:** Utility Patent Application

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

484. Flat-folded personal respiratory protection devices and processes for preparing same

Bostock, Graham J.; Dyrud, James F.; Henderson, Christopher P.; Curran, Desmond T.; Krueger, Dennis L.; Bryant, John W. **Assignee:** 3M Innovative Properties Company **Publication Number:** US20040237964 **Publication date:** 12/02/2004 **Kind:** Utility Patent Application

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

485. EYE SHIELD FOR A RESPIRATORY MASK

ALLEN, Peter, B.; COOK, David; MITTELSTADT, William, A. **Assignee:** MINNESOTA MINING AND MANUFACTURING COMPANY **Publication Number:** WO9634658 **Publication date:** 11/07/1996 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

486. EYE SHIELD FOR A RESPIRATORY MASK

ALLEN, Peter, B.; COOK, David; MITTELSTADT, William, A. **Assignee:** MINNESOTA MINING AND MANUFACTURING COMPANY **Publication Number:** EP823853 **Publication date:** 02/18/1998 **Kind:** APPLICATION WITH SEARCH REPORT

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

487. Enhanced chemical/biological respiratory protection system

Grove, Corey M.; Caretti, David M.; Chase, Stephen E. **Assignee:** The United States of America as Represented by the Secretary of the Army **Publication Number:** US8479727 **Publication date:** 07/09/2013 **Kind:** Patent

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

488. Eye shield for a respiratory mask

Cook, David; Allen, Peter B.; Mittelstadt, William A. **Assignee:** Minnesota Mining and Manufacturing Company **Publication Number:** US5720281 **Publication date:** 02/24/1998 **Kind:** Utility Patent Grant

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

489. Respiratory half mask

WAGNER, Wolf **Assignee:** UVEX ARBEITSSCHUTZ GMBH **Publication Number:** US20200113256 **Publication date:** 04/16/2020 **Kind:** Patent Application Publication

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

490. Eye shield for a respiratory mask

Mittelstadt, William A.; Cook, David; Allen, Peter B. **Assignee:** Minnesota Mining and Manufacturing Company **Publication Number:** US5689833 **Publication date:** 11/25/1997 **Kind:** Utility Patent Grant

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

491. Enhanced chemical/biological respiratory protection system

Grove, Corey M.; Caretti, David M.; Chase, Stephen E. **Publication Number:** US20050247310 **Publication date:** 11/10/2005 **Kind:** Utility Patent Application

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

492. ANNULAR UNIT FOR MOISTURE MANAGEMENT IN RESPIRATORY MASK

LIU, Anna; ZHAO, Linan; LU, Kevin **Assignee:** HONEYWELL INTERNATIONAL INC. **Publication Number:** WO2017091920 **Publication date:** 06/08/2017 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

493. ANNULAR UNIT FOR MOISTURE MANAGEMENT IN RESPIRATORY MASK

LIU, Anna; ZHAO, Linan; LU, Kevin **Assignee:** Honeywell International Inc. **Publication Number:** EP3383506 **Publication date:** 10/10/2018 **Kind:** Patent Application Publication

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

494. Seal for respiratory mask

Beard, Michael **Assignee:** Beard, Michael **Publication Number:** EP613699 **Publication date:** 09/07/1994 **Kind:** APPLICATION WITH SEARCH REPORT

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

495. Headgear assembly for a respiratory mask assembly

Amarasinghe, Amal S.; Lithgow, Perry D.; Guney, Memduh **Assignee:** ResMed Limited **Publication Number:** US8443805 **Publication date:** 05/21/2013 **Kind:** Patent

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

496. Respiratory mask

Bowsher, Richard Francis **Assignee:** Intersurgical AG **Publication Number:** US10238826 **Publication date:** 03/26/2019 **Kind:** Patent

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

497. Cushion for a respiratory mask assembly

Lithgow, Perry David; Frater, Robert Henry; Drew, Joanne Elizabeth; Guney, Memduh; Fu, Timothy Tsun-Fai; Kwok, Philip Rodney **Assignee:** ResMed Limited **Publication Number:** US20090178679 **Publication date:** 07/16/2009

Kind: Patent Application Publication

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

498. Pop-open respiratory etiquette device

Marx, Gustav David **Publication Number:** US8006694 **Publication date:** 08/30/2011 **Kind:** Patent

Database: US Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

499. Respiratory protective apparatus

Richards, John Bryan; Norbron, Thomas William **Assignee:** SABRE SAFETY LIMITED **Publication Number:** EP474372 **Publication date:** 05/27/1992 **Kind:** PUBL. OF SEARCH REPORT

Database: EP Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village

500. PROTECTIVE RESPIRATORY EQUIPMENT

CASE, Christopher **Publication Number:** WO2016185187 **Publication date:** 11/24/2016 **Kind:** Patent Application Publication

Database: WO Patents

Compilation and indexing terms, 2020 LexisNexis Univentio B.V.

Data Provider: Engineering Village