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[Continued on next page]

(54) Title: IMPROVED PROTECTIVE BREATHING APPARATUS INHALATION DUCT

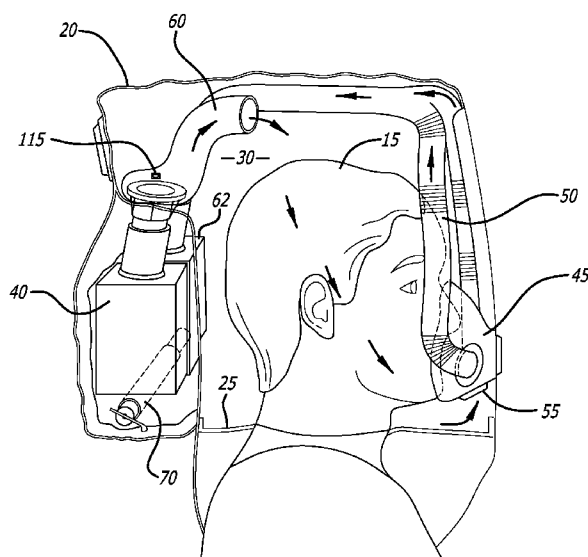


FIG. 4

(57) Abstract: An improved protective breathing apparatus having a vent hole or one way valve incorporated into the inhalation duct so that the breathing apparatus can safely vent and release a pressure differential during the opening of the storage bag from vacuum storage. The use of an air pressure relief mechanism prevents the rupture of the duct and preserves the integrity of the device.



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INTERNATIONAL SEARCH REPORT

International application No

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A. CLASSIFICATION OF SUBJECT MATTER

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ADD. A62B18/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

A62B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2011/277768 A1 (HILL MICHAEL T [US] ET AL) 17 November 2011 (2011-11-17) paragraphs [0037], [0041]; figures -----	1-4
A	EP 0 197 641 A1 (DU PONT [US]) 15 October 1986 (1986-10-15) page 1, line 29 - page 2, line 14; figures -----	1-4
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A	GB 2 233 905 A (SABRE SAFETY LTD [GB]) 23 January 1991 (1991-01-23) abstract; figures -----	1-4



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See patent family annex.

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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