

Title (en)
Improved mask for breathing apparatus supplying air under pressure or not.

Title (de)
Maske für Atmungsgerät zum Versorgung mit druck- bzw. druckloser Luft.

Title (fr)
Masque pour appareil respiratoire, fournissant de l'air sous pression ou non.

Publication
EP 0667171 A1 19950816 (EN)

Application
EP 95200205 A 19950127

Priority
IT MI940091 U 19940209

Abstract (en)
A mask (10) for breathing apparatus, provided with one-way air inlet (12) and one-way air outlet valves (14) of variable elasticity, in which said outlet or expiration valve (14) has an opening pressure selected between a first and a second predetermined values by means of a prearrangement control member (24). The expiration valve (14) comprises an airtight diaphragm (16) elastically pushed to close an expiration passageway (13) by means of two springs (19, 25) in series with each other, the former (19) having an elastic coefficient greater than the latter (25); the control member (24) is movable between a position of non-interference and a position of interference with the elastic movement of the second spring (25) under the action of a pressure acting on the diaphragm (16). <IMAGE>

IPC 1-7
A62B 18/10

IPC 8 full level
A62B 18/10 (2006.01)

CPC (source: EP)
A62B 18/10 (2013.01)

Citation (search report)

- [X] DE 736268 C 19430610 - IG FARBENINDUSTRIE AG
- [X] GB 2264646 A 19930908 - SABRE SAFETY LTD [GB]
- [A] GB 1124703 A 19680821 - COMMISSARIAT ENERGIE ATOMIQUE
- [A] LU 59025 A1 19691115

Cited by
EP2361656A1; GB2500341A; GB2500341B; DE102004052173B3; GB2419654A; GB2419654B; US8631794B2; WO2010131031A2; US7575004B2; WO2022056253A1

Designated contracting state (EPC)
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