

Title (en)
Valve for breathing apparatus

Title (de)
Ventil für Atmungsgerät

Title (fr)
Soupape pour appareil respiratoire

Publication
EP 0702983 A1 19960327 (EN)

Application
EP 95306695 A 19950921

Priority
GB 9419144 A 19940922

Abstract (en)
Breathing apparatus, particularly emergency escape breathing apparatus, comprising a hood (1) of flexible material for covering the user's head, an ori-nasal mask (2) mounted within the hood for covering the user's nose and mouth and a valve assembly (6) for controlling the supply of breathable gas from a supply (not shown) to the ori-nasal mask (2). The valve assembly includes a porous disc (14) which, in use, creates a pressure differential which acts to open a normally closed connection via a passage (10) between the interior of the hood (1) and the ori-nasal mask (2). This allows the user to obtain gas for breathing both direct from the supply via passage (20) and from the interior of the hood via passage (10). When however the pressure differential falls below a predetermined value, such as when the supply starts to run out, the pressure of a spring (15) overcomes the pressure differential and the passage (10) is cut off providing an immediate warning to the user that the supply is shortly to expire. Thereafter, breathing is solely from the supply or optionally in addition via restricted apertures (22) from the hood (1). <IMAGE>

IPC 1-7
A62B 9/02; **A62B 18/10**

IPC 8 full level
A62B 9/02 (2006.01); **A62B 18/10** (2006.01)

CPC (source: EP)
A62B 9/02 (2013.01); **A62B 18/10** (2013.01)

Citation (search report)

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Designated contracting state (EPC)
DE DK ES FR GB IT SE

DOCDB simple family (publication)
EP 0702983 A1 19960327; GB 9419144 D0 19941109

DOCDB simple family (application)
EP 95306695 A 19950921; GB 9419144 A 19940922