

Title (en)

A valve for use with breathing apparatus and breathing apparatus incorporating the valve.

Title (de)

Ventil zur Anwendung bei Atemgeräten und Atemgeräten mit einem derartigen Ventil.

Title (fr)

Soupape pour appareil de respiration et appareils de respiration comprenant cette soupape.

Publication

EP 0582419 A1 19940209 (EN)

Application

EP 93305888 A 19930726

Priority

GB 9216860 A 19920807

Abstract (en)

A valve for use with breathing apparatus the valve comprising a rigid circular disc (1) having a solid central area (2) and a plurality of apertures (3) between the solid central area (2) and the circumference of the disc (1), and a valve member (7) which is an annular member of elastomeric material, the valve member (7) being secured over a circumferential edge of the disc (1) such that the annular valve member (7) is under tension and, in the absence of a pressure difference between opposite surfaces of the annular valve member (7) tending to move the annular valve member (7) away from the disc (1), the annular valve member (7) is maintained in a plane covering the apertures (3) in the disc (1). The valve is shown in use in breathing apparatus as an inhale valve in conjunction with a demand valve, but may also be used as an exhale valve. <IMAGE>

IPC 1-7

A62B 9/02

IPC 8 full level

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CPC (source: EP)

A62B 9/02 (2013.01)

Citation (search report)

- [XAY] US 2640481 A 19530602 - CONLEY THOMAS A
- [YA] US 4428392 A 19840131 - JONES LEON [US], et al
- [A] EP 0260021 A2 19880316 - JACKSON PETER JOSEPH

Cited by

CN102580220A; CN105194781A; US8448643B2; EP2777734A2; EP1850901B1; EP1850901A2

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