

Title (en)
Positive pressure breathing apparatus.

Title (de)
Überdruckatemgerät.

Title (fr)
Appareil respiratoire à surpression.

Publication
EP 0413555 A1 19910220 (EN)

Application
EP 90308926 A 19900814

Priority
GB 8918901 A 19890818

Abstract (en)
In positive pressure breathing apparatus comprising a face mask 1 having a fan 2 driven by a motor 3 powered by an electric battery 4 to maintain a pressure above atmospheric pressure within the face mask 1, a pressure sensitive electronic module 8, which comprises a pressure transducer and a control circuit including a pulse generator, senses the pressure within the interior of the face mask 1 and provides D.C. pulses from the electric battery 4 to the fan motor 3. The width of the pulses provided by the pressure sensitive electronic module 8 varies in accordance with the instantaneous pressure sensed within the face mask 1 so as to cause the fan 2 to supply air to the interior of face mask 1 at a rate to meet the requirements of the wearer while maintaining a substantially constant positive pressure within the interior of the face mask 1.

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A62B 18/00

IPC 8 full level
A62B 18/00 (2006.01)

CPC (source: EP)
A62B 18/006 (2013.01)

Citation (search report)
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DE FR IT SE

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