

Title (en)
BREATHABLE GAS DELIVERY REGULATOR

Publication
EP 0078644 B1 19870624 (EN)

Application
EP 82305642 A 19821022

Priority
GB 8132830 A 19811030

Abstract (en)
[origin: EP0078644A2] A breathable gas delivery regulator (10) has a demand valve (15) which will open easily to substantially consistent efforts of a user throughout the pressure range of supply gas from a molecular sieve oxygen generator (not shown). The demand valve (15) is balanced by supply gas pressure and is operably connected, such as by a mechanical lever (29), with a pressure-responsive wall (27) of a demand-pressure sensing chamber (12) which is in fluid communication with a gas delivery outlet (17). Movements of the pressure-responsive wall (27) cause the demand valve (15) to move towards opening or closing and thereby regulate the flow of supply gas from a supply gas inlet (16) to the gas delivery outlet (17).

IPC 1-7
A62B 9/02

IPC 8 full level
A62B 9/02 (2006.01)

CPC (source: EP)
A62B 9/022 (2013.01)

Cited by
US5460175A; KR100789347B1; GB2182248A; GB2182248B; EP0263677A3; US4858606A

Designated contracting state (EPC)
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EP 0078644 A2 19830511; EP 0078644 A3 19840502; EP 0078644 B1 19870624; DE 3276617 D1 19870730; ES 516949 A0 19831101;
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EP 82305642 A 19821022; DE 3276617 T 19821022; ES 516949 A 19821029