

Title (en)

NON RETURN SLIDER VALVE USED IN RESPIRATION SYSTEMS

Title (de)

RÜCKSCHLAGSPERRVENTIL FÜR BEATMUNGSSYSTEME

Title (fr)

VALVE ANTIRETOUR A COULISSE UTILISEE DANS DES SYSTEMES DE RESPIRATION

Publication

EP 0968023 A4 20001220 (EN)

Application

EP 97947654 A 19971216

Priority

- AU 9700849 W 19971216
- AU PO422996 A 19961216

Abstract (en)

[origin: WO9826830A1] The valve (14) comprises a housing (22) and a slider element (24) connected to a mask housing (26). During normal operation side ports (30, 34) are closed by element (24). The air flow to a patient must be sufficient to overcome the slight attractive force between magnets (36, 38). If the flow from the generator drops to below the level necessary to keep the slider element to the open position, the magnets move together allowing plate (39) to stop flow to the patient, who may breath unassisted through the side ports.

IPC 1-7

A61M 16/20; **A62B 9/02**; **F16K 11/044**; **F16K 27/02**; **B63C 11/14**

IPC 8 full level

A61M 16/06 (2006.01); **A61M 16/20** (2006.01); **A62B 9/02** (2006.01); **A62B 18/10** (2006.01); **F16K 11/044** (2006.01); **F16K 15/02** (2006.01); **F16K 31/08** (2006.01)

CPC (source: EP)

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Citation (search report)

- [X] US 3561466 A 19710209 - CARDEN EDWARD
- [X] WO 8001645 A1 19800821 - HOVMAND E [DK]
- See references of WO 9826830A1

Designated contracting state (EPC)

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