

Title (en)

MOTORICALLY OPERABLE PRESSURE VALVE FOR THE CABINS OF RAILWAY CARS OR THE LIKE

Publication

EP 0253979 B1 19900207 (DE)

Application

EP 87107113 A 19870516

Priority

DE 3618292 A 19860530

Abstract (en)

[origin: EP0253979A1] 1. Motorised pressure valve for cabins of railway carriages or the like, especially for passenger cabins of excursion trains, in which a valve plate (1) having slots (4) parallel to one another is arranged movable in its plane transverse to the longitudinal direction of the slots (4) relative to fixed guide plates (2, 3) likewise having slots (5, 6), characterized in that the valve plate (1) is arranged between two guide plates (2, 3) which support the valve plate (1) on both sides in the region of the webs between the slots, with a small play transverse to the plate plane, and the surfaces of the valve plate (1) and the two guide plates (2, 3) movable relative to one another have a coating of a material of limited elasticity with small coefficient of friction, the webs between the slots of the valve plate (1) being wider than the slots of the guide plates (2, 3) and a motorised drive with a sensor control being provided, which converts pressure differences into switch pulses.

IPC 1-7

B61D 27/00; **F16K 3/02**; **F16K 31/04**

IPC 8 full level

B61D 27/00 (2006.01); **F16K 3/02** (2006.01); **F16K 31/04** (2006.01)

CPC (source: EP)

B61D 27/0009 (2013.01)

Cited by

EP0678434A1; GB2263533A; EP0498554A1; US5263894A; CN117685383A; EP3611070A4; EP0339211B1

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EP 0253979 A1 19880127; **EP 0253979 B1 19900207**; **EP 0253979 B2 19940706**; AT E50340 T1 19900215; DE 3618292 A1 19871203; DE 3618292 C2 19900412; DE 3618292 C3 19951207; ES 2012783 B3 19900416; ES 2012783 T5 19950816

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