

Title (en)
ACTUATING DEVICE FOR A DOOR

Publication
EP 0016861 A3 19801126 (DE)

Application
EP 79104833 A 19791203

Priority
DE 2912949 A 19790331

Abstract (en)
[origin: EP0016861A2] 1. A door operating device comprising a two-chamber working cylinder for moving the door (1) and the piston (3) of which is connected to the door through a piston rod, further comprising an electromagnetically actuated door valve (9) by which each chamber (5, 6) of the working cylinder can usually be connected alternately to a pressure source or a relieving location, and comprising a manually operable emergency control, characterised in that for the manual emergency operation of the door, the emergency control has a multiway valve (11) arranged in a closing line (8) of the device and which, in its unoperated position (Figures 1 and 4), has a passage for the pressure medium switched-in or switched-out by the door valve (9) and which, on switching-over (Figures 2 and 3), short circuits both chambers (5 and 6) of the working cylinder (4) for the common build-up or decline of pressure and can be mechanically latched in that position and pneumatically released to return it to its initial position, wherein a latch (12) for the multiway valve (11) can only be removed automatically with a pressure build-up initiated by the door valve (9), effecting the closing operation of the door.

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E05F 15/06

IPC 8 full level
E05F 15/49 (2015.01); **E05F 15/56** (2015.01)

CPC (source: EP)
E05F 15/49 (2015.01); **E05F 15/50** (2015.01); **E05Y 2900/506** (2013.01)

Citation (search report)
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• [AD] DE 2807050 A1 19781005 - WABCO WESTINGHOUSE SPA
• [A] US 3921335 A 19751125 - HEWITT LEW V, et al

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EP 0016861 A2 19801015; **EP 0016861 A3 19801126**; **EP 0016861 B1 19840523**; AT E7618 T1 19840615; DE 2912949 A1 19801016; DE 2967011 D1 19840628

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