

Title (en)
Door closer

Title (de)
Türschliesser

Title (fr)
Ferre-porte

Publication
EP 0733763 A1 19960925 (DE)

Application
EP 96104540 A 19960321

Priority
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• DE 19608023 A 19960301

Abstract (en)
The door closer has an energy accumulator, for closing the door wing, pref. with a closing spring. The energy accumulator is at least partly loaded by manual opening movement of the door and is at least partly unloaded for closing the door. The energy accumulator has a first and a second energy accumulator part. Closure of the door is achieved by normal operation via unloading the first part and closure is supported via unloading the second part. A device is provided for regulating or adjusting the closing and/or opening velocity of the door and is pref. a hydraulic or pneumatic damping device using a piston cylinder unit. Unloading of the second part is dependant of a time element (33a) and/or a sensor device for controlling the closing action.

Abstract (de)
Beschrieben wird ein hydraulisch gedämpfter Türschließer, der eine relativ schwache Schließfeder (3c) und stärkere Reserveschließfedern (3a,3b) aufweist. Wenn die Tür in einer vorbestimmten Zeit nicht unter Wirkung der Schließfeder (3c) in Schließlage gelangt, werden die Reserveschließfedern (3a,3b) zum Schließen zugeschaltet. Ihre Zuschaltung wird also über ein Zeitglied (33a,37a,37b) gesteuert, was eine einfache und gleichzeitig zuverlässige Steuerung darstellt. <IMAGE>

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CPC (source: EP)
E05F 3/102 (2013.01); **E05F 3/223** (2013.01); **E05Y 2800/22** (2013.01); **E05Y 2900/132** (2013.01)

Citation (search report)
• [DXY] DE 3423242 C1 19851107 - DORMA BAUBESCHLAG
• [DY] DE 4237179 A1 19940505 - GEZE GMBH & CO [DE]
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