

Title (en)

Locking device for a door wing movable in a case

Title (de)

Verriegelungsvorrichtung für ein in einer Zarge bewegbares Tür- oder Torblatt

Title (fr)

Dispositif de verrouillage pour un vantail de porte amovible dans un châssis

Publication

EP 0846825 A3 19991208 (DE)

Application

EP 97117511 A 19971009

Priority

DE 29617597 U 19961009

Abstract (en)

[origin: EP0846825A2] The bolt (12), on the inside (10) of the door or door leaf and moved by means of the manually operated lock (25) is tensioned by a helical spring arrangement (5) which holds the bolt in its open position. The bolt is held in its closed position when the door or door-leaf (1) is closed, by means of a holder arrangement (14) comprising a blocking device (31). The holder arrangement has a thrust bearing (14) for the bolt, in the form of a first end (11) of a closure bar (4) whose other end is joined to the lock. One end (19) of the helical compression spring is supported on a guide (6) for the door-leaf; the other end (20) comprises a stop (21) on the closure-bar for forcing the bar into the open position towards (48) the lock.

IPC 1-7

E05C 9/04

IPC 8 full level

E05B 15/10 (2006.01); **E05B 63/18** (2006.01); **E05B 65/00** (2006.01); **E05C 9/04** (2006.01); **E05C 9/18** (2006.01)

CPC (source: EP)

E05B 15/101 (2013.01); **E05C 9/047** (2013.01); **E05B 65/0021** (2013.01); **E05C 9/185** (2013.01)

Citation (search report)

- [A] US 2581885 A 19520108 - ROBINSON DAVID M
- [A] US 2612396 A 19520930 - ANTHONY VENDITTY
- [A] US 5125695 A 19920630 - HARTWELL MAX H [US]
- [A] DE 3142959 A1 19830310 - SCOVILL SICHERHEITSEINRICHTUNG [DE]
- [A] DE 7804269 U1 19810326
- [A] GB 1508838 A 19780426 - DOVER ROLLER SHUTTERS LTD

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US7838583B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

DE 29617597 U1 19980205; DE 59706093 D1 20020228; EP 0846825 A2 19980610; EP 0846825 A3 19991208; EP 0846825 B1 20020102

DOCDB simple family (application)

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