

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

Cited by

US7838583B2

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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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