

Title (en)

Bolt element and keeper for an espagnolette fitting

Title (de)

Schliesszapfen für einen Verschluss eines Treibstangenbeschlages und Verschluss für einen Treibstangenbeschlag

Title (fr)

Pêne de verrouillage et gâche pour une ferrure à crémonne

Publication

EP 1728947 A3 20080514 (DE)

Application

EP 06113474 A 20060504

Priority

DE 102005000071 A 20050601

Abstract (en)

[origin: EP1728947A2] The locking pin (9) is fixed at one of its shaft (12) to the drive bolt (10) and at the free end of its shaft has a radial expansion (13) which seen in the longitudinal sectional view of the pin has a convex curvature (15) on its side facing the shaft. The radial expansion is spherical or lens-shaped. Independent claim describes closure for drive bolt fitment which has a locking pin and opposite this a locking plate (8) which has a dish guide (14) corresponding to the convex curvature of the radial expansion.

IPC 8 full level

E05C 9/18 (2006.01)

CPC (source: EP)

E05C 9/1858 (2013.01)

Citation (search report)

- [XY] DE 1759977 A1 19710701 - SIEGENIA FRANK KG
- [XY] DE 4408703 C1 19950720 - LIPPKE DETLEF [DE], et al
- [XY] DE 9213280 U1 19921210
- [X] DE 2035026 A1 19720120
- [Y] DE 10158359 A1 20030612 - WINKHAUS FA AUGUST [DE]
- [Y] GB 2322905 A 19980909 - TROJAN HARDWARE & DESIGNS LTD [GB]
- [YD] EP 1208281 A1 20020529 - SIEGENIA FRANK KG [DE]
- [X] DE 4220033 A1 19930325 - RAMSAUER DIETER [DE]

Cited by

DE102006035416A1; DE102006035416B4; US2020115922A1; EP3379008A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1728947 A2 20061206; EP 1728947 A3 20080514; DE 102005000071 A1 20061207

DOCDB simple family (application)

EP 06113474 A 20060504; DE 102005000071 A 20050601