

Title (en)
Locking device for an espagnolette fitting

Title (de)
Verschluss für einen Treibstangenbeschlag

Title (fr)
Dispositif de verrouillage pour une ferrure de crémonne

Publication
EP 1816292 A3 20131002 (DE)

Application
EP 06126987 A 20061222

Priority
DE 102006000044 A 20060202

Abstract (en)
[origin: EP1816292A2] A locking arrangement for a window or door, comprises a frame with a closure element (8) and a closure plate (9). The closure plate or element are arranged so that are orthogonal to the frame plane. Movement of the closure plate or element can be controlled depending on the position of the element in the plate. The closure plate or element are connected to an actuator, eg an electric, pneumatic or hydraulic drive, and a sensor (16) is used to determine the position and control the actuator.

IPC 8 full level
E05C 9/18 (2006.01); **E05B 15/02** (2006.01); **E05B 17/00** (2006.01); **E05B 47/00** (2006.01); **E05B 63/24** (2006.01)

CPC (source: EP)
E05B 17/0025 (2013.01); **E05B 17/0029** (2013.01); **E05B 47/0046** (2013.01); **E05B 63/24** (2013.01); **E05C 9/1808** (2013.01); **E05C 9/185** (2013.01); **E05B 47/0012** (2013.01); **E05B 2047/002** (2013.01); **E05B 2047/0023** (2013.01)

Citation (search report)

- [A] DE 3633853 A1 19880414 - FLIETHER KARL GMBH & CO [DE]
- [A] CH 694510 A5 20050228 - DFS TECHNOLOGY & SERVICE AG [CH]
- [A] EP 1243728 A1 20020925 - SCHUECO INT KG [DE]
- [A] WO 2005098183 A1 20051020 - SCHUECO INT KG [DE], et al
- [A] DE 8316991 U1 19860109

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EP4230828A1; CN108138525A; RU2743215C2; EP4230827A1; DE202010003413U1; NL1037972C2; EP2479363A3; EP2578778A1; FR2981109A1; EP3101203A1; FR3037092A1; DE202013008167U1; EP2924209A1; EP3239439A1; WO2017045771A1; WO2019197248A1; DE102022201671A1; EP2119854A1; EP2479363A2; DE102011003110A1; EP3307969B1

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 RS

DOCDB simple family (publication)
EP 1816292 A2 20070808; EP 1816292 A3 20131002; EP 1816292 B1 20160803; DE 102006000044 A1 20070809

DOCDB simple family (application)
EP 06126987 A 20061222; DE 102006000044 A 20060202