

Title (en)
Actuator device for an espagnolette

Title (de)
Antriebseinrichtung für einen Treibstangenbeschlag

Title (fr)
Actionneur pour une crémonne

Publication
EP 1544390 A3 20080123 (DE)

Application
EP 04105761 A 20041115

Priority
DE 10359804 A 20031219

Abstract (en)
[origin: EP1544390A2] The motor (12) has a spur gear (23) driving a series of toothed wheels on centres (18,19,20) finally rotating a drive cam (30) to lift the bolt (32) which engages the locking bar through an extension piece (15).

IPC 8 full level
E05C 9/00 (2006.01); **E05B 47/00** (2006.01); **E05C 9/10** (2006.01); **E05B 15/00** (2006.01)

CPC (source: EP)
E05B 47/0012 (2013.01); **E05C 9/1875** (2013.01); **E05B 15/004** (2013.01); **E05B 2047/002** (2013.01); **E05B 2047/0024** (2013.01)

Citation (search report)
• [X] EP 1203860 A1 20020508 - INTELLECTUAL TRADE CY SA [LU]
• [X] EP 1213425 A1 20020612 - FLIETHER KARL GMBH & CO [DE]
• [X] DE 10122261 A1 20021205 - SCHLUETER HEINRICH [DE]

Cited by
EP2101020A3; ITM120100027A1; CN112539006A; CN102116111A; GB2470315B

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL HR LT LV MK YU

DOCDB simple family (publication)
EP 1544390 A2 20050622; EP 1544390 A3 20080123; DE 10359804 A1 20050714

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EP 04105761 A 20041115; DE 10359804 A 20031219