

Title (en)

Device for connecting an actuator of a leaf of a swing gate to a post

Title (de)

Vorrichtung zur Verbindung eines Aktuators eines Swing-Gate-Blattes mit einem Pfosten

Title (fr)

Dispositif pour raccorder un actionneur de battant de porte oscillante à un poteau

Publication

EP 1852568 A3 20081105 (EN)

Application

EP 07015332 A 20031210

Priority

- EP 03028344 A 20031210
- IT MI20022656 A 20021217
- IT MI20030251 A 20030212

Abstract (en)

[origin: EP1431498A2] To drive a leaf (2) of a swing gate (1) a linear actuator operating device (110) is used, wherein a piston (124) operated by a worm screw (17) moves with a reciprocating translating movement along the axis of the screw (17). Said piston comprises a carriage (124) longitudinally slidably mounted inside the body (11) of the actuator, and a comb (132) transversally slidably mounted inside the carriage (124) to pass from a position of engagement in which it engages with the thread of the screw (17) to a position of disengagement in which it does not interfere with the thread of the screw (17). There is further provided a connecting device (80, 180) able to connect said actuator (110) to a post (4).
<IMAGE>

IPC 8 full level

E05F 15/12 (2006.01)

CPC (source: EP)

E05F 15/616 (2015.01); **E05F 15/622** (2015.01); **E05Y 2201/214** (2013.01); **E05Y 2201/244** (2013.01); **E05Y 2201/434** (2013.01); **E05Y 2201/706** (2013.01); **E05Y 2600/32** (2013.01); **E05Y 2600/33** (2013.01); **E05Y 2600/626** (2013.01); **E05Y 2800/232** (2013.01); **E05Y 2800/25** (2013.01); **E05Y 2800/426** (2013.01); **E05Y 2900/40** (2013.01)

Citation (search report)

- [XA] DE 29700583 U1 19980514 - BOSCH GMBH ROBERT [DE]
- [A] GB 2209062 A 19890426 - DONOGHUE DECLAN WILLIAM O

Designated contracting state (EPC)

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

Designated extension state (EPC)

AL LT LV MK

DOCDB simple family (publication)

EP 1431498 A2 20040623; **EP 1431498 A3 20070627**; EP 1852568 A2 20071107; EP 1852568 A3 20081105

DOCDB simple family (application)

EP 03028344 A 20031210; EP 07015332 A 20031210