

Title (en)  
Device for operating a swing gate

Title (de)  
Vorrichtung zur Betätigung eines Schwingtores

Title (fr)  
Dispositif de manoeuvre d'un portail pivotant

Publication  
**EP 1431498 A2 20040623 (EN)**

Application  
**EP 03028344 A 20031210**

Priority  
• IT MI20022656 A 20021217  
• IT MI20030251 A 20030212

Abstract (en)  
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 1-7  
**E05F 15/12**

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)

Cited by  
CN114517619A; FR2990980A1; CN105852901A; CN116624060A

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