

Title (en)
Sliding gate

Title (de)
Schiebetor

Title (fr)
Portail coulissant

Publication
EP 2799652 A1 20141105 (EN)

Application
EP 14166477 A 20140429

Priority
IT BO20130189 A 20130429

Abstract (en)
A sliding gate is provided with a rack (17) coupled to a gear (28) fitted on a transmission shaft (24) mounted to rotate due to the thrust of an electric motor (19); the gear (28) being axially movable between a coupling position, in which the gear (28) is coupled in an angularly fixed manner to a grooved coupling portion (37) of the transmission shaft (24), and a release position, in which the gear (28) is coupled in a rotatory manner to the transmission shaft (24) by way of the interposition of a freewheel (33).

IPC 8 full level
E05F 15/635 (2015.01)

CPC (source: EP)
E05F 15/635 (2015.01); **E05Y 2201/216** (2013.01); **E05Y 2201/244** (2013.01); **E05Y 2201/722** (2013.01); **E05Y 2900/40** (2013.01)

Citation (search report)

- [A] FR 2903447 A1 20080111 - LE BRUN YANCK [FR]
- [A] EP 2146035 A1 20100120 - CARDIN ELETTRONICA SPA [IT]
- [A] US 6062363 A 20000516 - CLINE RUSSELL [US]

Cited by
AT518463A1; CN114183064A; CN109594912A; EP3239447A1; FR3050753A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2799652 A1 20141105; IT BO20130189 A1 20141030

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EP 14166477 A 20140429; IT BO20130189 A 20130429