

Title (en)  
Actuator for hinged door panels

Title (de)  
Antrieb für schwenkbare Türen

Title (fr)  
Entraînement pour des portes pivotantes

Publication  
**EP 2405091 A1 20120111 (EN)**

Application  
**EP 11168146 A 20110531**

Priority  
IT VE20100033 A 20100701

Abstract (en)  
A mechanical actuator for hinged door panels, with a motor (2) housed in a box (26) to be placed underground, characterised in that the motor is mounted on a bracket (28) which supports the door panel (36) and is hinged about a vertical pivot (32) fixed to the box, the axis of said vertical pivot (32) being also the pivot axis of the door panel (36), the shaft (4) of said motor being provided with a pinion (20) which engages in a curved rack (22) with its centre of curvature lying on the axis of said vertical pivot.

IPC 8 full level  
**E05F 15/12** (2006.01)

CPC (source: EP)  
**E05D 15/54** (2013.01); **E05F 15/619** (2015.01); **E05F 15/614** (2015.01); **E05Y 2201/434** (2013.01); **E05Y 2201/722** (2013.01); **E05Y 2600/41** (2013.01); **E05Y 2600/452** (2013.01); **E05Y 2600/46** (2013.01); **E05Y 2600/626** (2013.01); **E05Y 2900/132** (2013.01)

Citation (search report)  
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• [A] DE 3244795 A1 19840607 - PERTL PETER  
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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 2405091 A1 20120111**; **EP 2405091 B1 20130724**; IT 1400925 B1 20130702; IT VE20100033 A1 20120102

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