

Title (en)

MOTORIZED HINGE DEVICE FOR HEAVY PIVOTING DOORS AND HEAVY PIVOTING DOOR WITH SUCH A HINGE DEVICE

Title (de)

MOTORISIERTE SCHARNIERVORRICHTUNG FÜR SCHWERE DREHTÜRE UND DREHTÜR MIT EINER SOLCHEN SCHARNIERVORRICHTUNG

Title (fr)

DISPOSITIF DE PAUMELLE MOTORISÉÉ POUR PORTE BATTANTE TRÈS LOURDE ET PORTE BATTANTE TRÈS LOURDE ÉQUIPÉE D'UN TEL DISPOSITIF

Publication

EP 2325427 B1 20141224 (FR)

Application

EP 10306235 A 20101110

Priority

FR 0957977 A 20091112

Abstract (en)

[origin: EP2325427A2] The device has a fixed hinge part (3) integrated to a door frame (2), and a movable hinge part (4) integrated to a door leaf (1) and assembled with respect to the fixed hinge part around a fulcrum pin. A driving mechanism of a motorization block (7) drives the movable hinge part around the fulcrum pin. The motorization block is assembled on the driving mechanism in a removable manner, and is assembled on the fixed hinge part of a door. The motorization block is maintained in a driving position of the driving mechanism with an anti-rotation blocking (10) with respect to the door leaf. An independent claim is also included for a heavy hinged door, comprising a door leaf or casement.

IPC 8 full level

E05F 15/12 (2006.01)

CPC (source: EP US)

E05F 15/614 (2015.01 - EP US); **E05D 7/06** (2013.01 - EP US); **E05Y 2201/434** (2013.01 - EP US); **E05Y 2201/71** (2013.01 - EP US); **E05Y 2600/10** (2013.01 - EP US); **E05Y 2800/232** (2013.01 - EP US); **E05Y 2900/132** (2013.01 - EP US)

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

DOCDB simple family (publication)

EP 2325427 A2 20110525; EP 2325427 A3 20120718; EP 2325427 B1 20141224; CN 102134944 A 20110727; CN 102134944 B 20140910; FR 2952396 A1 20110513; US 2011107675 A1 20110512; US 8671620 B2 20140318

DOCDB simple family (application)

EP 10306235 A 20101110; CN 201010548642 A 20101112; FR 0957977 A 20091112; US 94523810 A 20101112