

Title (en)

A very heavy door provided with a lift-off hinge device with oscillating mounting

Title (de)

Eine sehr schwere Tür mit einer aushängbaren Scharniervorrichtung mit Pendelbewegung

Title (fr)

Porte très lourde équipée d'un dispositif de paumelle à montage oscillant

Publication

EP 2322746 B1 20150624 (FR)

Application

EP 10306236 A 20101110

Priority

FR 0957975 A 20091112

Abstract (en)

[origin: EP2322746A2] The device has a lower hinge plate (4) whose rolling unit is equipped with a radial bearing unit (12) to support radial loads and an axial bearing unit (14) to support axial loads. The radial and axial bearing units authorize coaxiality angular defects of a fixed hinge plate (6) with respect to a movable hinge part (8) of the lower hinge plate. A rolling unit of an upper hinge plate is equipped with another radial bearing unit to support the radial loads. A lower fulcrum pin (10) of the lower hinge plate is placed in a lower hub (8'). An independent claim is also included for a heavy door, comprising a door leaf.

IPC 8 full level

E05D 11/04 (2006.01); **E05D 7/06** (2006.01); **E05F 15/614** (2015.01)

CPC (source: EP US)

E05D 7/06 (2013.01 - EP US); **E05D 11/04** (2013.01 - EP US); **E05F 15/614** (2015.01 - EP US); **E05Y 2900/132** (2013.01 - EP US)

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