

Title (en)

DEVICE TO OPEN/CLOSE GARAGE DOORS

Title (de)

VORRICHTUNG ZUM ÖFFNEN/SCHLIESSEN EINES GARAGENTORS

Title (fr)

DISPOSITIF D'OUVERTURE ET DE FERMETURE DE PORTE DE GARAGE

Publication

**EP 2960420 A1 20151230 (EN)**

Application

**EP 15173950 A 20150625**

Priority

IT TV20140091 A 20140626

Abstract (en)

A device is described which is adapted to open/close and/or lock a overhead canopy door (10) used to occlude an aperture (12). The device comprises an element (40) adapted to move only slightly the door, with respect to the vertical, by imparting to it a force on its upper edge (20) by angularly oscillating around an axis (X). Such a device simplifies the displacement of the door and the associated costs.

IPC 8 full level

**E05F 15/681** (2015.01)

CPC (source: EP)

**E05F 15/681** (2015.01); **E05Y 2201/218** (2013.01); **E05Y 2201/406** (2013.01); **E05Y 2201/426** (2013.01); **E05Y 2400/41** (2013.01); **E05Y 2900/106** (2013.01)

Citation (applicant)

- GB 1382707 A 19750205 - HENDERSON P C LTD
- GB 2334750 A 19990901 - P & D GROUP SERVICES LTD [GB]
- FR 2624186 A3 19890609 - MUELLER GUENTER [DE]
- FR 2750447 A1 19980102 - BUBENDORFF RICHARD [FR]

Citation (search report)

- [XYI] US 3708917 A 19730109 - STREETER P
- [XI] FR 2711175 A1 19950421 - DOITRAND FRERES SA ETS [FR]
- [Y] US 5572829 A 19961112 - STOLTENBERG DONALD A [US]

Cited by

US12000194B2; WO2020157023A1

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 2960420 A1 20151230; EP 2960420 B1 20201014**

DOCDB simple family (application)

**EP 15173950 A 20150625**