

Title (en)

Device for opening and closing a door or gate wing

Title (de)

Vorrichtung zum Öffnen/Schliessen eines Tür- oder Torflügels

Title (fr)

Dispositif de fermeture et d'ouverture de vantail de porte ou portail

Publication

EP 1728958 A1 20061206 (FR)

Application

EP 06290590 A 20060411

Priority

FR 0551480 A 20050602

Abstract (en)

The device has a wheel (7) driven by a motor (10), where the wheel/motor assembly is integrated to a cylindrical frame (6) slidingly mounted in translation in a circular ring (15), in a vertical plane. The ring is arranged in the thickness of a horizontal plate (14). The frame has a shape complementary to that of the ring. The ring in combination with the frame provides the assembly a rotational movement in a horizontal plane. The tire tread of the wheel has ridges.

IPC 8 full level

E05F 15/12 (2006.01)

CPC (source: EP)

E05F 15/624 (2015.01); **E05F 7/06** (2013.01); **E05Y 2201/434** (2013.01); **E05Y 2600/46** (2013.01); **E05Y 2900/40** (2013.01)

Citation (applicant)

- FR 2711173 A1 19950421 - CHORIN CHRISTIAN [FR]
- FR 2793831 A1 20001124 - CHORIN CHRISTIAN [FR]

Citation (search report)

- [A] GB 785122 A 19571023 - GEOFFREY CROSSLEY
- [DA] FR 2793831 A1 20001124 - CHORIN CHRISTIAN [FR]
- [A] FR 2800786 A1 20010511 - CHORIN CHRISTIAN [FR]

Cited by

CN103437690A; AT511182A1; CN108533128A; CN104295221A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1728958 A1 20061206; FR 2886667 A1 20061208; FR 2886667 B1 20070824

DOCDB simple family (application)

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