

Title (en)

Method for mounting a drive unit onto a cover element of a revolving door

Title (de)

Verfahren zur Anordnung einer Antriebseinheit an einem Deckenelement einer Karusselltür

Title (fr)

Procédé de disposition d'une unité d'entraînement au niveau d'un élément de plafond d'une porte à tambour

Publication

EP 2754823 A3 20170705 (DE)

Application

EP 14000025 A 20140106

Priority

DE 102013000419 A 20130114

Abstract (en)

[origin: EP2754823A2] The method involves arranging a receiving vessel (13) at an underside of a ceiling element (11) so as to form at the underside of the ceiling element an installation cavity opening in a direction of an installation space of a turnstile (12). A flat-cylindrical, electronically commutated multipole motor (14) is inserted into the installation cavity to form a drive unit (10). An independent claim is included for drive unit assembly.

IPC 8 full level

E06B 3/90 (2006.01)

CPC (source: EP US)

E05F 15/608 (2015.01 - EP US); **E06B 3/90** (2013.01 - US); **E05Y 2900/132** (2013.01 - EP US)

Citation (search report)

- [XA] JP H0711838 A 19950113 - SUMITOMO SPEC METALS
- [A] US 2005045078 A1 20050303 - CHEN YEN-KUN [TW]
- [A] DE 102004033304 A1 20060209 - DORMA GMBH & CO KG [DE]

Cited by

DE102017130881A1; EP3034760A1

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 2754823 A2 20140716; EP 2754823 A3 20170705; EP 2754823 B1 20201104; CN 103924861 A 20140716; CN 103924861 B 20171013; DE 102013000419 A1 20140717; US 2014196373 A1 20140717; US 9243438 B2 20160126

DOCDB simple family (application)

EP 14000025 A 20140106; CN 201410015482 A 20140114; DE 102013000419 A 20130114; US 201414153933 A 20140113