Title (en)

Method for arranging a drive unit in a revolving door

Title (de)

Verfahren zur Anordnung einer Antriebseinheit in einer Karusselltür

Title (fr)

Procédé de disposition d'une unité d'entraînement dans une porte à tambour

Publication

EP 2754821 A3 20170719 (DE)

Application

EP 14000023 A 20140106

Priority

DE 102013000416 A 20130114

Abstract (en)

[origin: EP2754821A2] The method involves attaching an adapter element (13) to a ceiling element (11), where an electronically commutated multi-polar motor (14) is arranged to the adapter element. The multi-polar motor is adjusted relative to a turnstile (12) of a revolving door by using the adapter elements. The electronically commutated multi-polar motor is connected with the turnstile of the revolving door, particularly with rotary wings (23) of the turnstile. An independent claim is included for an arrangement for a drive unit in a revolving door.

IPC 8 full level

E06B 3/90 (2006.01)

CPC (source: EP US)

E05F 15/40 (2015.01 - US); **E05F 15/608** (2015.01 - EP US); **E06B 11/08** (2013.01 - US); E05Y 2600/12 (2013.01 - EP US); E05Y 2800/106 (2013.01 - EP US); E05Y 2900/132 (2013.01 - EP US)

Citation (search report)

- [IA] WO 2006005438 A1 20060119 - DORMA GMBH & CO KG [DE], et al
- [A] US 5773943 A 19980630 - ANDERSEN HENRIK [DK]
- [A] DE 202011000459 U1 20120604 - GU AUTOMATIK GMBH [DE]

Cited by

EP3034760A1; EP3034759A1; EP3034758A1; EP4306759A1; EP3933160A1; DE102020117346A1; EP3933161A1; DE102020117345A1

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 2754821 A2 20140716; **EP 2754821 A3 20170719**; CN 103924863 A 20140716; CN 103924863 B 20180216; DE 102013000416 A1 20140717; DE 102013000416 B4 20161006; US 2014196375 A1 20140717; US 9157266 B2 20151013

DOCDB simple family (application)

EP 14000023 A 20140106; CN 201410016425 A 20140114; DE 102013000416 A 20130114; US 201414153909 A 20140113