

Title (en)

HANDRAIL DRIVE FOR AN ESCALATOR OR MOVING WALKWAY

Title (de)

HANDLAUFANTRIEB FÜR EINE FAHRTREPPE ODER EINEN FAHRSTEIG

Title (fr)

ENTRAÎNEMENT DE MAIN COURANTE POUR UN ESCALIER OU UN TROTTOIR ROULANT

Publication

EP 3074335 A1 20161005 (DE)

Application

EP 14799744 A 20141114

Priority

- EP 13194551 A 20131127
- EP 2014074631 W 20141114
- EP 14799744 A 20141114

Abstract (en)

[origin: WO2015078709A1] The invention relates to a handrail drive 2 for driving a handrail 3 of a conveying system, said handrail drive 2 having at least one drive device 4 and at least one counterpressure device 5. The counterpressure device 5 comprises at least one clamping spring 42 and at least one counterpressure roller 32 to 39. The handrail 3 is arranged between the drive device 4 and the at least one counterpressure roller 32 to 39 approximately in a linear direction of travel 29, 30 and is urged by the at least one counterpressure roller 32 to 39 against the drive device 4 by a contact pressure force 45 caused by the clamping spring 42. The handrail drive 2 has a mechanical deflecting device 80 by means of which the spring force 44 of the clamping spring 42 can be deflected into the contact pressure force 45 of the at least one counterpressure roller 32 to 39.

IPC 8 full level

B66B 23/04 (2006.01); **B66B 23/20** (2006.01); **B66B 23/24** (2006.01)

CPC (source: EP US)

B66B 23/04 (2013.01 - EP US); **B66B 23/20** (2013.01 - US); **B66B 23/24** (2013.01 - US)

Citation (search report)

See references of WO 2015078709A1

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)

WO 2015078709 A1 20150604; CN 105764832 A 20160713; CN 105764832 B 20170922; EP 3074335 A1 20161005; EP 3074335 B1 20180103; ES 2657419 T3 20180305; US 2017001843 A1 20170105; US 9745173 B2 20170829

DOCDB simple family (application)

EP 2014074631 W 20141114; CN 201480064721 A 20141114; EP 14799744 A 20141114; ES 14799744 T 20141114; US 201415039497 A 20141114