Title (en)
STAIR LIFT DRIVE SYSTEM FOR A SMOOTH DENTED RAIL

Title (de)
TREPPENLIFTANTRIEBSSYSTEM FÜR EINE GLATTE GEZAHNTE SCHIENE

Title (fr)
SYSTÈME D'ENTRAÎNEMENT DE MONTE-ESCALIER POUR RAIL DENTÉ UNIFORME

Publication
EP 2935072 A2 20151028 (EN)

Application
EP 13818482 A 20131212

Priority
• NL 2010012 A 20121219
• NL 2013050894 W 20131212

Abstract (en)
[origin: WO2014098573A2] The present invention relates to a stair lift drive, comprising a rail extending along a track, which is at least on one side of its width provided with a recess that extends in a direction tangential to the rail a frame part, provided with at least one set of wheels, of which at least one wheel engages on the rail in the at least recess, wherein the wheels are each rotatable about an axis which extends substantially perpendicular to the width of the rail as well as perpendicular to the axial direction of the rail; a propulsion, to drive at least one of the wheels, wherein the running surfaces of the wheels engage at least a part of the recess in a form-fitting manner, and wherein the cross section of the rail has a substantially smooth shape.

IPC 8 full level
B66B 9/08 (2006.01)

CPC (source: CN EP)
B66B 9/0807 (2013.01 - CN); **B66B 9/0815** (2013.01 - EP); **B66B 9/0846** (2013.01 - EP); B66B 9/08 (2013.01 - CN)

Citation (search report)
See references of WO 2014098573A2

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 2014098573 A2 20140626; **WO 2014098573 A3 20140904**; CN 104995119 A 20151021; CN 104995119 B 20180501; EP 2935072 A2 20151028; EP 2935072 B1 20170329; ES 2628978 T3 20170804; JP 2016505467 A 20160225; JP 6414825 B2 20181031; NL 2010012 C2 20140623

DOCDB simple family (application)
NL 2013050894 W 20131212; CN 201380073234 A 20131212; EP 13818482 A 20131212; ES 13818482 T 20131212; JP 2015549294 A 20131212; NL 2010012 A 20121219