

Title (en)

Rail follower apparatus for stair lift

Title (de)

Schienenführungsvorrichtung für einen Treppenlift

Title (fr)

Appareil de suiveur de rails pour monte-escalier

Publication

EP 2452909 B1 20130925 (EN)

Application

EP 10190711 A 20101110

Priority

EP 10190711 A 20101110

Abstract (en)

[origin: EP2452909A1] Rail follower apparatus for a stair lift having a single rail. Two rail followers (1, 2) are connected to each other by a linkage (6), each rail follower (1, 2) being connected to the linkage (6) by a joint having multiple degrees of freedom. The rotational axis (31, 32) of each of the rotational degrees of freedom intersects with or passes close to the traction zone (52) where the drive wheel (23) contacts the toothed track (4). The turning moments required to keep the followers aligned with the rail are thereby reduced to a minimum.

IPC 8 full level

B66B 9/08 (2006.01)

CPC (source: EP)

B66B 9/0807 (2013.01); **B66B 9/0815** (2013.01)

Cited by

CN109941866A; CN114194975A; US9908745B2; US2017233223A1; US10843901B2

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

DOCDB simple family (publication)

EP 2452909 A1 20120516; EP 2452909 B1 20130925

DOCDB simple family (application)

EP 10190711 A 20101110