

Title (en)

Apparatus for transporting a load from a first to a second level, in particular a stairlift

Title (de)

Vorrichtung zum Transportieren einer Last von einer ersten zu einer zweiten Ebene, speziell ein Treppenlift

Title (fr)

Appareil pour le transport d'une charge d'un premier à un deuxième niveau, en particulier un monte-escalier

Publication

EP 2216284 A1 20100811 (EN)

Application

EP 10152426 A 20100202

Priority

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Abstract (en)

The invention relates to an apparatus for transporting a load from a first to a second level, in particular a stairlift (4), comprising a frame (9) which is displaceable along a rail (3) and which is provided with support (15), guide (15) and drive (16) means arranged to engage the rail (3), a load carrier (10) mounted on said frame (9), and means (70) for maintaining the load carrier in a predetermined position relative to the direction of gravity, which position-maintaining means (70) comprise at least one adjusting motor (71) arranged to move the load carrier (10) relative to the frame (9), a control system (78) for controlling the adjusting motor (71) so that a correctional rotation occurs, and sensors connected therewith arranged to generate signals to the control system (78), wherein said sensors comprise an accelerometer (75) mounted on the load carrier (10) and wherein said sensors further comprise a gyroscope (73) mounted on the load carrier (10).

IPC 8 full level

B66B 9/08 (2006.01)

CPC (source: EP)

B66B 9/0838 (2013.01)

Citation (applicant)

- WO 9946198 A1 19990916 - BISON BEDE LIMITED [GB], et al
- GB 2358389 A 20010725 - BROOKS STAIRLIFTS LTD [GB]

Citation (search report)

- [XA] WO 9946198 A1 19990916 - BISON BEDE LIMITED [GB], et al
- [XA] GB 2358389 A 20010725 - BROOKS STAIRLIFTS LTD [GB]

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