

Title (en)
Drive for a stair lift

Title (de)
Antrieb für Treppenlift

Title (fr)
Motorisation pour monte-escalier

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Application
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Abstract (en)
The invention relates to a stairlift, comprising a frame (9) which is displaceable along a rail (3) and on which a load carrier (10) is mounted and which is provided with support and guide means (15) engaging round the rail and with drive means coacting with a propelling part of the rail. The drive means (16) are herein arranged in the frame for movement relative to the support and guide means. The drive means (16) thus remain in contact with the propelling part, for instance a gear rack of the rail, even in bends. <??>The stairlift can further be provided with means for maintaining the load carrier in a determined position, which position-maintaining means (70) comprise an adjusting motor (71) connected to the load carrier, a system for controlling the adjusting motor and sensors connected for signal (76) generation to the control system (72) for sensing the position of the load carrier. <IMAGE>

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Citation (search report)
• [X] EP 1125882 A1 20010822 - FREELIFT BV [NL]
• [X] GB 2358389 A 20010725 - BROOKS STAIRLIFTS LTD [GB]

Cited by
EP1988050A1; CN105621205A; EP3115327A1; EP3976520A4; NL1030131C2; NL2001096C2; NL2005957C2; GB2409446A; GB2409446B; JP2015508364A; GB2551817A; US2023339725A1; US8607936B2; WO2008135835A3; WO2016072849A1; WO2007091095A1; WO2005085116A3; US10843901B2; WO2018002573A1; WO2012093941A1; WO2009078704A1; WO2008047116A1; WO2007046690A1; US11111107B2; WO2021219425A1; NL2025442B1; EP2452909A1; US10793395B2; US11155443B2; EP2119660A1; US9751725B2

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