

Title (en)

Improvements in or relating to stairlifts

Title (de)

Verbesserungen bei oder im Zusammenhang mit Treppenliften

Title (fr)

Améliorations de ou associées aux fauteuils monte-escalier

Publication

EP 2243740 A1 20101027 (EN)

Application

EP 09251170 A 20090423

Priority

EP 09251170 A 20090423

Abstract (en)

The invention describes an over-speed governor for a stairlift which not only triggers a safety gear (30, 33) or brake upon the carriage (12) exceeding a pre-determined speed, but also triggers the safety gear in the event the carriage unexpectedly reverses its direction. In a preferred embodiment, the over-speed governor also triggers the safety gear in the event the chair (11) departs from the horizontal by more than a predetermined angle. The speed determining function is preferably electronic and the safety gear operates in both directions without adaptation. Other aspects are described including setting the trip speed as a function of carriage position on the rail.

IPC 8 full level

B66B 9/08 (2006.01)

CPC (source: EP)

B66B 9/08 (2013.01); **B66B 9/0815** (2013.01)

Citation (applicant)

- GB 2339419 A 20000126 - SURGECAM LIMITED [GB]
- WO 2004014773 A1 20040219 - STANNAH STAIRLIFTS LTD [GB], et al
- EP 0738232 A1 19961023 - STANNAH STAIRLIFTS LTD [GB]

Citation (search report)

- [DA] WO 2004014773 A1 20040219 - STANNAH STAIRLIFTS LTD [GB], et al
- [DA] GB 2339419 A 20000126 - SURGECAM LIMITED [GB]
- [A] GB 2264283 A 19930825 - SUNRISE MEDICAL LTD [GB]

Cited by

CN107245935A; CN102259780A; CN107738971A; GB2488051A; GB2488051B

Designated contracting state (EPC)

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 SE SI SK TR

Designated extension state (EPC)

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DOCDB simple family (publication)

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