

Title (en)
Stairlift

Title (de)
Treppenschrägaufzug

Title (fr)
Monte-escalier

Publication
EP 1614650 A3 20060524 (DE)

Application
EP 05014586 A 20050706

Priority
DE 102004033754 A 20040710

Abstract (en)
[origin: EP1614650A2] The inclined stair lift has an upper running rail (1) and a lower running rail (2) upon which is guided a chassis (3) which has four driving rollers (5,6), whereby two of the driving rollers with frictional engagement are braced against one of the running rails on opposite sides of this rail. Each of the driving rollers has its own drive unit in the form of a gear motor, the transmission of which is designed to be self-locking, whereby the driving roller is coupled to the output shaft of the transmission.

IPC 8 full level
B66B 9/08 (2006.01)

IPC 8 main group level
B66B (2006.01)

CPC (source: EP)
B66B 9/0815 (2013.01)

Citation (search report)

- [A] EP 0881188 A1 19981202 - PROVENZANO CALOGERO [IT]
- [A] US 5908087 A 19990601 - JOHANSSON BENGT [SE]
- [A] EP 1013532 A1 20000628 - THYSSEN DE REUS BV [NL]
- [A] PATENT ABSTRACTS OF JAPAN vol. 1999, no. 05 31 May 1999 (1999-05-31)

Cited by
EP1988050A1; JP2014129171A; NL2019975B1; EP2014598A1; GB2565072A; GB2566363A; GB2566363B; CN104995118A; US2017247227A1; CN113666224A; EP2433892A1; NL2005398C2; US11198593B2; US9156656B2; US10625981B2; WO2008135835A3; WO2019025781A1; WO2019103614A3; WO2022003332A1; WO2016064268A3

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1614650 A2 20060111; EP 1614650 A3 20060524; EP 1614650 B1 20080827; AT E406336 T1 20080915; CN 100448769 C 20090107; CN 1718527 A 20060111; DE 102004033754 A1 20060209; DE 502005005171 D1 20081009; ES 2309620 T3 20081216; NO 20053342 D0 20050708; NO 20053342 L 20060111; RU 2005116825 A 20061120; RU 2317936 C2 20080227

DOCDB simple family (application)
EP 05014586 A 20050706; AT 05014586 T 20050706; CN 200510056289 A 20050405; DE 102004033754 A 20040710; DE 502005005171 T 20050706; ES 05014586 T 20050706; NO 20053342 A 20050708; RU 2005116825 A 20050601