

Title (en)
Drive assembly for stairlift

Title (de)
Antriebseinrichtung für Treppenaufzüge

Title (fr)
Dispositif d'entraînement pour ascenseur d'escalier

Publication
EP 1134176 A3 20020502 (DE)

Application
EP 01103207 A 20010212

Priority
DE 10011627 A 20000310

Abstract (en)
[origin: EP1134176A2] The drive unit for stair lifts includes a drive rail(13) which has engagement holes uniformly spaced in the longitudinal direction. The drive arrangement has two oppositely disposed gear-type drive pinions(17,18) exerting a radial pressing-on force onto the rail which is accommodated between them. The drive pinions have driving pins which interact with the holes in the drive rail with form-locking engagement. The radial length of the driving pins is equal to approximately half the thickness of the drive rail. An Independent claim is included for a stair lift equipped with the proposed drive unit.

IPC 1-7
B66B 9/08

IPC 8 full level
B66B 9/08 (2006.01)

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

Citation (search report)
• [DA] DE 4211870 C1 19930624
• [A] DE 8000925 U1 19800918

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EP 01103207 A 20010212; CA 2340172 A 20010309; DE 10011627 A 20000310; PL 34608501 A 20010223; US 80375801 A 20010312