

Title (en)
STAIRLIFT

Publication
EP 0235554 B1 19900404 (DE)

Application
EP 87101008 A 19870124

Priority
DE 3602770 A 19860130

Abstract (en)
[origin: US4756387A] A staircase lift includes upper and lower support girders fixedly disposed along stairs, vertical rods disposed between the support girders, inclined support rods fixed on the vertical rods, a load receiver in the form of a platform or a seat with a back panel, the load receiver being movably supporting on the upper and lower support girders, a flat drive housing disposed on the back panel of the load receiver, and a motor-driven drive disposed in the drive housing, the drive including bolts having ends supported in endless grooves formed in the drive housing, a closed endless circle of guide sleeves supported on the bolts, a pair of gear wheels driving the bolts, and a plurality of support rollers equidistantly disposed in the circle of guide sleeves, extending from the drive housing and cooperating with the bolts.

IPC 1-7
B66B 9/08

IPC 8 full level
B66B 9/02 (2006.01); **B66B 9/08** (2006.01)

CPC (source: EP US)
B66B 9/02 (2013.01 - EP US); **B66B 9/0815** (2013.01 - EP US)

Designated contracting state (EPC)
AT NL SE

DOCDB simple family (publication)
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US 927987 A 19870130; AT 87101008 T 19870124; CA 528444 A 19870129; DE 3602770 A 19860130; EP 87101008 A 19870124