Title (en)
INCLINED LIFT, IN PARTICULAR FOR PERSONS OR FURNITURE

Publication
EP 0267411 B1 19900718 (DE)

Application
EP 87114378 A 19871002

Priority
DE 3634701 A 19861011

Abstract (en)
[origin: EP0267411A2] 1. Sloping elevator (8), in particular passenger and/or furniture elevator, having a plurality of telescope runners (9), each formed from two guide rails (e.g. 1-7) connected in rung-like fashion, for a load-carrying means (11) guided on the latter using a motordriven extension device between the bottom guide rail (e.g. 6) and the subsequent guide rail (e.g. 5) and using so-called finite traction mechanisms constructed as riveted drive chains (18) for the forced extension of the guide rails (4-1) following the guide rail (e.g. 5) next to the bottom, the riveted drive chains (18) being guided from a fixed point (P) at the top end (19) of a guide rail (e.g. 6-3) over a deflection roller (U) at the top end (19) of the guide rail (e.g. 5-2), following in each case, to a fixed point (P') at the bottom end (20) of the subsequent guide rail (e.g. 4-1) in each case, having the following features : a) the guide rails (6-1) are constructed as closed hollow profiles ; b) the guide rails (6-1) assigned to a telescope runner (9) are - with the possible exception of the bottom telescope runner (9') - solely connected in the region of the top end (19) of the guide rails (6-1) in a rung-like fashion (transverse bar 20) ; c) formed between two successive guide rails (6-1) there is in each case at least one channel (K1-K5), in cross section from the outside to the inside, for at least one finite traction mechanism (riveted drive chain 18) and, if appropriate, a return rope (R).

IPC 1-7
B66B 9/20

IPC 8 full level
B66B 9/16 (2006.01); B66B 9/187 (2006.01); E06C 5/04 (2006.01)

CPC (source: EP)
B66B 9/16 (2013.01)

Cited by
CN112551417A; GB2549924A; US8066200B2

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EP 0267411 A2 19880518; EP 0267411 A3 19880921; EP 0267411 B1 19900718; AT E54653 T1 19900815; CS 8707241 A2 19910915; CZ 278945 B6 19941019; DE 3634701 A1 19880414; DE 3763800 D1 19900823; ES 2016316 B3 19901101

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