

Title (en)

Motorized elevator door

Title (de)

Motorisierte Tür für Fahrkörbe von Aufzügen

Title (fr)

Porte motorisée pour cabines d'ascenseur

Publication

EP 2003082 B1 20100922 (EN)

Application

EP 08445022 A 20080616

Priority

SE 0701499 A 20070618

Abstract (en)

[origin: EP2003082A1] Section door were the sections (1) are guided by upwards extending pins (2) that extend upwards into a C-shaped rail (6) with the opening facing downwards. Chain pieces with one or several chain links are journaled pivotable on the pins and running inside the rails (6). The drive is achieved with an horizontally arranged sprocket (8) gripping into the chain pieces, in particular placed in a bend in the rail and extending from the side into this through an opening (9). The links and the chain pieces respectively are as wide as the rail on the inside so that the force delivered by the sprocket can be transferred through pulling as well as pushing. The chain links transfer the force to respective pin and door section that then in turn act on remaining sections.

IPC 8 full level

B66B 13/08 (2006.01); **B66B 13/30** (2006.01)

CPC (source: EP SE)

B66B 13/08 (2013.01 - EP SE); **B66B 13/305** (2013.01 - EP)

Cited by

CN103086239A; IT202100006812A1; US2017334682A1; US10597260B2

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 MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 2003082 A1 20081217; **EP 2003082 B1 20100922**; AT E482166 T1 20101015; DE 602008002643 D1 20101104; SE 0701499 L 20081219; SE 532706 C2 20100323

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