

Title (en)

Driving mechanism for accordion-type doors of lift cars.

Title (de)

Falldürenantriebsvorrichtung für Fahrkörbe von Aufzügen.

Title (fr)

Mécanisme d'entraînement de portes de type accordéon pour cabines d'ascenseurs.

Publication

EP 0290355 A1 19881109 (FR)

Application

EP 88420117 A 19880412

Priority

FR 8706681 A 19870505

Abstract (en)

This mechanism drives a door consisting of two half-doors (3, 4), each half-door comprising two leaves (5, 6) articulated to each other, one (5) of these two leaves being articulated on a fixed vertical axle (9) situated in the vicinity of one of the sides of the opening of the car, whilst the other leaf (6) is guided in terms of translational motion by a roller (10) engaged in a horizontal runner. There is provided, for each half-door (3, 4), a drive disc (11, 12), the vertical axis (11a, 12a) of which is situated on the bisector (13, 14) of the angle (a) of approximately 90 DEG swept by the outer leaf (5) of the half-door (3, 4) in question. The disc (11, 12), situated above the leaf (5), carries a vertical driving finger (15) engaged in a slot (16) which is parallel to the plane of this leaf (5) and is formed in a piece integral with this leaf. <IMAGE>

IPC 1-7

B66B 13/08

IPC 8 full level

B66B 13/08 (2006.01)

CPC (source: EP)

B66B 13/08 (2013.01)

Citation (search report)

- [A] EP 0195101 A1 19860924 - SIGERIST AG CARL [CH]
- [A] DE 2507967 A1 19760902 - KAUFFMANN MASCHBAU HERBERT [DE]
- [A] EP 0242545 A1 19871028 - KONE ASCENSEURS [FR]
- [A] GB 2039595 A 19800813 - BOSTWICK DOORS UK LTD

Cited by

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DOCDB simple family (application)

EP 88420117 A 19880412; AT 88420117 T 19880412; DE 3861299 T 19880412; ES 88420117 T 19880412; FR 8706681 A 19870505; PT 8739788 A 19880503