

Title (en)

Movement transmitting device for telescopic leaves of elevator doors

Title (de)

Bewegungsübertragungssystem für teleskopische Flügel von Aufzugstüren

Title (fr)

Dispositif pour transmettre le mouvement aux vantaux télescopiques d'une porte d'ascenseur

Publication

EP 1176281 A1 20020130 (EN)

Application

EP 01500154 A 20010622

Priority

ES 200002010 U 20000727

Abstract (en)

Movement transmitting device for telescopic leaves of elevator doors, which is to be assembled in elevator doors of telescopic leaves fastened to the corresponding carriage that mounts some pairs of wheels in order to convey and guide the carriage by a guide of a support plate, transmitting movement in the opening and closing of the door from a rapid carriage to a slow carriage by means of a transmitting cable, assembled between two pulleys of the slow carriage and anchored to the rapid carriage, in such a way that a horizontally aligned wheel (6) of each pair of wheels for conveying and guiding the slow carriage (3), defines on its surface two channels (7) and (8), the channel (8) being for the positioning thereof in the guide of a support plate (5) and the cable (9) for transmitting movement from the rapid carriage to the slow carriage being assembled in the channel (8). <IMAGE>

IPC 1-7

E05F 17/00; B66B 13/08

IPC 8 full level

E05F 17/00 (2006.01)

CPC (source: EP)

E05F 15/643 (2015.01); **E05F 17/00** (2013.01); **E05F 17/004** (2013.01); **E05Y 2800/122** (2013.01); **E05Y 2900/104** (2013.01)

Citation (search report)

[X] ES 2017309 A6 19910116 - OTIS ELEVATOR CO [US]

Citation (third parties)

Third party :

- DE 1456404 A1 19690116 - JOSEF RATHGEBER AG WAGGONFABRI
- EP 0709333 B1 20010404 - KONE CORP [FI]
- US 5060763 A 19911029 - GARRIDO ALFONSO [ES], et al
- US 4073037 A 19780214 - CURRY EDWARD G, et al

Cited by

WO2007007136A1

Designated contracting state (EPC)

DE ES FR IT

DOCDB simple family (publication)

EP 1176281 A1 20020130; EP 1176281 B1 20050824; DE 60112854 D1 20050929; DE 60112854 T2 20060524; ES 1046873 U 20010201; ES 1046873 Y 20010701; ES 2248265 T3 20060316

DOCDB simple family (application)

EP 01500154 A 20010622; DE 60112854 T 20010622; ES 01500154 T 20010622; ES 200002010 U 20000727