

Title (en)

Modular System for opening automatic elevator doors

Title (de)

Modulares System für automatische Aufzugstüren

Title (fr)

Système modulaire pour les portes automatiques d'ascenseur

Publication

EP 1621510 A2 20060201 (EN)

Application

EP 05380077 A 20050418

Priority

ES 200401534 A 20040623

Abstract (en)

It is comprised basically of two parts defined by a landing door mechanism (driven part) and an elevator car door operator (driving part), defining a modular system wherein there is a common main module for operating the car doors and the landing doors. It can act as a driving part or as a driven part, depending on the type of additional modules that are assembled. Depending on the way the devices are assembled, opening to the right or to the left will be obtained with the same parts. The main module is comprised of a single guide rail (1); a system for rolling on the rail (1), a conveying system (3, 4) between leaves of the same door, based on a hoisting block; and some supports (5, 6) for fastening the leaves of the door. There is a motorization module (10) that is coupled to the main module in order to operate the elevator car doors. A conveying part (12) fastened to one of the fastening plates (5) of the leaves of the elevator car, serve to convey the leaves of the landing.

IPC 8 full level

B66B 13/12 (2006.01)

CPC (source: EP ES)

B66B 13/12 (2013.01 - EP ES); **B66B 13/30** (2013.01 - ES)

Cited by

WO2008034915A1; CN108689285A; EP1905720A1; WO2024058751A1

Designated contracting state (EPC)

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