

Title (en)

Elevator cab door drive system with integrated controller

Title (de)

Türantriebssystem für Aufzugskabine mit integrierter Steuereinheit

Title (fr)

Système d'entraînement de porte de cabine d'ascenseur avec dispositif de commande intégré

Publication

EP 1277689 A1 20030122 (EN)

Application

EP 02380141 A 20020701

Priority

ES 200101842 U 20010718

Abstract (en)

Integrated control set for lift doors, being useful for installation in all types of lifts, in such a way that the set comprises a frame (6) wherein a system drive motor (17), an encoder and an electronic control device, as well as a series of potentiometers and pushbuttons that adapt the control set to the type of door of the lift installed, are integrated. There is direct transmission from the shaft (7) of the motor (17) transmitting movement to the conveyance drive mechanism of the carriages (3) and (4) fastening the leaves forming the door. The set integrated in the frame (6) has a pair of lighted indicators (13) and (14) that indicate when the control system is in a test position and the presence of power in the system. <IMAGE>

IPC 1-7

B66B 13/14

IPC 8 full level

B66B 13/14 (2006.01); **E05F 17/00** (2006.01)

CPC (source: EP)

B66B 13/14 (2013.01); **E05F 17/00** (2013.01); **E05Y 2900/104** (2013.01)

Citation (search report)

- [X] DE 4419290 A1 19951221 - FOERDER WEBER & SYSTEMTECHNIK [DE]
- [X] EP 0624541 A2 19941117 - SIEMENS AG [DE]
- [X] US 4563625 A 19860107 - KORNBREKKE HENNING N [US], et al

Cited by

CN112429618A; CN112758796A; CN101959785A; EP2584417A3; US9718642B2; US8540057B2; WO2007020326A1; WO2013057216A1; WO2009109471A1; WO2007060279A1; EP2456705B2

Designated contracting state (EPC)

DE ES FR IT

DOCDB simple family (publication)

EP 1277689 A1 20030122; ES 1049701 U 20020101; ES 1049701 Y 20021201

DOCDB simple family (application)

EP 02380141 A 20020701; ES 200101842 U 20010718