

Title (en)

DEVICE FOR DETERMINING THE POSITION OF A RAIL-GUIDED ELEVATOR CAR WITH A CODE SUPPORT

Title (de)

EINRICHTUNG ZUR ERMITTLUNG DER POSITION EINER SCHIENENGEFÜHRTEN AUFZUGSKABINE MIT CODETRÄGER

Title (fr)

DISPOSITIF DE DETERMINATION DE LA POSITION D'UNE CABINE D'ASCENSEUR SUR RAILS AU MOYEN D'UN PORTEUR DE CODE

Publication

EP 1390284 B1 20051109 (DE)

Application

EP 02727141 A 20020522

Priority

- EP 02727141 A 20020522
- CH 0200273 W 20020522
- EP 01810528 A 20010531

Abstract (en)

[origin: WO02096788A1] In order to determine the position of a rail-guided elevator car, the position transmitter device has a code support (9), which is mounted in a fixed manner on the guide rail (7) over the guideway and which is provided with code marks each having a different permeability. A constantly exact reading of the coding is ensured by virtue of the fact that the code support (9) is joined to a non-magnetic covering (15) in a fixed manner, whereby the code marks are covered toward the exterior by the non-magnetic covering (15). In an advantageous design, the code support (9) is inserted with the outwardly pointing nonmagnetic covering (15) into an accommodating slot (16) of the elevator car guide rail (7), whereby achieving a simple and reliable fitting and, in addition, preventing temperature-dependent expansion differences between the code support and the guide rail.

IPC 1-7

B66B 1/34

IPC 8 full level

B66B 1/34 (2006.01); **B66B 7/02** (2006.01)

CPC (source: EP US)

B66B 1/3492 (2013.01 - EP US); **B66B 7/022** (2013.01 - EP US)

Cited by

WO2023099110A1; WO2023099106A1

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DOCDB simple family (publication)

WO 02096788 A1 20021205; CA 2446419 A1 20021205; CA 2446419 C 20100720; CN 1233543 C 20051228; CN 1512955 A 20040714; DE 50204874 D1 20051215; EP 1390284 A1 20040225; EP 1390284 B1 20051109; HK 1065020 A1 20050208; MY 136401 A 20080930; TW I257369 B 20060701; US 2004129504 A1 20040708; US 6886667 B2 20050503

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