

Title (en)

Elevator with a position detector

Title (de)

Aufzug mit einem Positionsdetektor

Title (fr)

Ascenseur avec un détecteur de position

Publication

**EP 1426319 B1 20131016 (EN)**

Application

**EP 01954399 A 20010731**

Priority

JP 0106603 W 20010731

Abstract (en)

[origin: EP1426319A1] A position detecting apparatus for an elevator is provided with a detector disposed on a car side of an elevator traveling up and down in a hoistway and a device to be detected disposed on a hall side of the hoistway, in which the detector has lead switches, and the device to be detected has a mounting plate for securing the device to be detected on the hall side and a plurality of permanent magnets of a small shape being spaced apart from one another in the direction of a moving direction of the car and disposed on the mounting plate, whereby the device to be detected can be configured inexpensively and damages to the permanent magnets of the device to be detected can be prevented.

IPC 8 full level

**B66B 1/46** (2006.01); **B66B 1/36** (2006.01)

CPC (source: EP KR)

**B66B 1/3492** (2013.01 - EP); **B66B 3/02** (2013.01 - KR); **H01L 2924/3011** (2013.01 - EP)

Cited by

EP1867820A1; US2010147038A1; US8756956B2

Designated contracting state (EPC)

DE NL

DOCDB simple family (publication)

**EP 1426319 A1 20040609**; **EP 1426319 A4 20100602**; **EP 1426319 B1 20131016**; CN 1224567 C 20051026; CN 1468195 A 20040114; JP 4879457 B2 20120222; JP WO2003011734 A1 20041118; KR 100508328 B1 20050817; KR 20030036811 A 20030509; TW 584609 B 20040421; WO 03011734 A1 20030213

DOCDB simple family (application)

**EP 01954399 A 20010731**; CN 01816831 A 20010731; JP 0106603 W 20010731; JP 2003507852 A 20010731; KR 20037004082 A 20030321; TW 90119210 A 20010807