

Title (en)

Elevator system with a device for determining the position of an elevator cabin and method to operate the elevator system

Title (de)

Aufzugsanlage mit einer Kabine und einer Einrichtung zur Ermittlung einer Kabinenposition sowie Verfahren zum Betreiben einer solchen Aufzugsanlage

Title (fr)

Système d'ascenseurs avec un dispositif pour déterminer la position d'une cabine et méthode pour actionner le système

Publication

**EP 1634841 A1 20060315 (DE)**

Application

**EP 05107228 A 20050805**

Priority

- EP 04405507 A 20040812
- EP 05107228 A 20050805

Abstract (en)

The installation includes an equipment (8) for detecting a cage position and consisting of a code mark pattern (80) and a sensor device (81). The code mark pattern is mounted along the travel path of a cage and consists of multiple code marks (83). The sensor device is mounted at the cage and contactlessly scans the code marks by sensors (85). The code marks are arranged in a single track and the sensors are arranged in a single track. An independent claim is included for a method of operating a lift installation.

IPC 8 full level

**B66B 1/34** (2006.01)

CPC (source: EP)

**B66B 1/3492** (2013.01)

Citation (search report)

- [X] US 5798490 A 19980825 - VAIRIO OLAVI [FI], et al
- [X] BR PI9303533 A
- [A] US 4433756 A 19840228 - CAPUTO WILLIAM R [US], et al
- [A] US 5135081 A 19920804 - WATT RICHARD E [US], et al
- [X] PATENT ABSTRACTS OF JAPAN vol. 1995, no. 09 31 October 1995 (1995-10-31)

Cited by

WO2019206644A1; CN112041254A; CN107399650A; EP4015430A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1634841 A1 20060315; EP 1634841 B1 20150318**

DOCDB simple family (application)

**EP 05107228 A 20050805**