

Title (en)

Lift device, building and positioning device

Title (de)

Aufzugvorrichtung, Gebäude und Positionsbestimmungsvorrichtung

Title (fr)

Dispositif d'ascenseur, bâtiment et dispositif de détermination de position

Publication

EP 2540651 B1 20131218 (DE)

Application

EP 11005240 A 20110628

Priority

EP 11005240 A 20110628

Abstract (en)

[origin: EP2540651A1] The device (1) has a movable frame (2) supporting and guiding a lift cage (3). A position determining device determines a position of the lift cage within a lift shaft and/or relative to the movable frame. A marking unit (5) is attached at a guide rail of movable frame, and marks the position of the lift cage. A camera (4) detects and/or reads the marking unit. An evaluation unit evaluates measurement values of the camera. The marking unit is designed as a carrier i.e. band, of a bar code i.e. two dimensional code. An independent claim is also included for a building.

IPC 8 full level

B66B 1/34 (2006.01)

CPC (source: EP US)

B66B 1/3492 (2013.01 - EP US); **B66B 3/023** (2013.01 - US)

Citation (examination)

US 2002104716 A1 20020808 - ZAHARIA VLAD [US]

Cited by

CN114007973A; WO2016062686A1; US11414297B2; US9359170B2; US9558388B2; US9704010B2; US10185858B2; WO2015055296A1; WO2015055298A1; WO2015055299A1; WO2015055300A1; EP2562117A1; EP3434634B1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2540651 A1 20130102; EP 2540651 B1 20131218; CN 102849551 A 20130102; CN 102849551 B 20170426; JP 2013010638 A 20130117; US 2013001023 A1 20130103; US 8857572 B2 20141014

DOCDB simple family (application)

EP 11005240 A 20110628; CN 201210215927 A 20120627; JP 2012145673 A 20120628; US 201213530168 A 20120622