

Title (en)

RECOGNITION AND TRANSMISSION SYSTEM OF THE STATUS AND POSITION OF A LIFT CABIN

Title (de)

ERKENNUNG UND ÜBERTRAGUNG SYSTEM DER STATUS UND DER POSITION EINER AUFZUGSKABINE

Title (fr)

SYSTEME DE RECONNAISSANCE ET DE TRANSMISSION DU STATUT ET DE LA POSITION D'UNE CABINE D'ASCENSEUR

Publication

EP 3002245 A3 20160427 (EN)

Application

EP 15382484 A 20151005

Priority

EP 15382484 A 20151005

Abstract (en)

[origin: EP3002245A2] System comprising a programmable portable assembly (1) fixed on the lift cabin comprising: a sensor device (1.6) comprising: A sensor or array of sensors whereby we detect the changes in the movement status of the cabin, (an accelerometer, or a magnetometer, or a gyroscope, or an infrared sensor, or an ultrasound sensor, working independently or any combination thereof), a barometer +thermometer which allows us to measure its relative height and electronic means comprising a microcontroller; power means; it may optionally have a wireless or wired communication module (1.7) and remote devices (3) responsible for receiving and resending and representing the information transmitted. It achieves a system which recognises the status and the position of an object in movement, without interfering in any way with the electromechanical system of the object, achieving a simple, and consequently, economical installation.

IPC 8 full level

B66B 1/34 (2006.01)

CPC (source: EP)

B66B 1/3492 (2013.01)

Citation (search report)

- [Y] US 2010088908 A1 20100415 - MATZKER KLAUS [DE], et al
- [Y] KR 20130123798 A 20131113 - OH IN HEE [KR]
- [A] WO 2013098486 A1 20130704 - RDNET OY [FI]
- [A] WO 9208665 A1 19920529 - BAYERN TECH UEBERWACH VEREIN [DE]
- [Y] "QarVision(TM) Elevator Performance Analyzer Specifications", 3 November 2012 (2012-11-03), XP055228889, Retrieved from the Internet <URL:http://www.qameleon.com/Documents/QVSpec.pdf> [retrieved on 20151117] & WWW.QAMELEON.COM: "QarVision Remote Elevator Monitor - Sample Installations", 3 November 2012 (2012-11-03), XP055259706, Retrieved from the Internet <URL:http://www.qameleon.com/protected/ems_install.htm> [retrieved on 20160318]

Cited by

WO2019141598A1; CN109789988A; CN112520521A; CN111252638A; EP3575258A1; CN110550516A; CN111689317A; CN111465567A; CN111977477A; AU2019209249B2; EP3190075B1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3002245 A2 20160406; EP 3002245 A3 20160427

DOCDB simple family (application)

EP 15382484 A 20151005