

Title (en)

COMMUNICATION METHOD AND APPARATUS FOR A LIFT SYSTEM

Title (de)

KOMMUNIKATIONSVERFAHREN UND -VORRICHTUNG FÜR EINE AUFZUGSANLAGE

Title (fr)

PROCÉDÉ ET DISPOSITIF DE COMMUNICATION POUR UNE INSTALLATION D'ASCENSEUR

Publication

EP 3030510 A1 20160615 (DE)

Application

EP 14750712 A 20140730

Priority

- EP 13179845 A 20130809
- EP 2014066337 W 20140730
- EP 14750712 A 20140730

Abstract (en)

[origin: WO2015018697A1] The invention relates to a method and an apparatus for interchanging data between at least one sensor unit (4) arranged in a lift shaft (3) of a lift system and a monitoring unit (13) of a service centre (12) which is locally remote from the lift system, wherein a lift car (5) which moves vertically in the lift shaft (3) and on which a first communication unit (1) is arranged is used in the lift system. According to the invention, data are transmitted from the at least one sensor unit (4) to the first communication unit (1) via a first communications network on the basis of the position of the lift car (5) and are stored by the first communication unit (1). The stored data are transmitted from the first communication unit (1) to a second communication unit (2) on the basis of at least one rule and are transmitted from the second communication unit (2) to the monitoring unit (13) via a second communications network.

IPC 8 full level

B66B 1/34 (2006.01); **H04W 4/33** (2018.01)

CPC (source: EP US)

B66B 1/3446 (2013.01 - EP US); **B66B 1/3453** (2013.01 - US); **H04L 67/12** (2013.01 - US); **H04W 4/33** (2018.01 - US); **H04W 52/0203** (2013.01 - EP US); **Y02D 30/70** (2020.08 - EP US)

Citation (search report)

See references of WO 2015018697A1

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)

WO 2015018697 A1 20150212; AU 2014304695 A1 20160225; AU 2014304695 B2 20170608; BR 112016002068 A2 20170801; CN 105492360 A 20160413; EP 3030510 A1 20160615; HK 1221706 A1 20170609; US 2016185568 A1 20160630; US 9856108 B2 20180102

DOCDB simple family (application)

EP 2014066337 W 20140730; AU 2014304695 A 20140730; BR 112016002068 A 20140730; CN 201480043473 A 20140730; EP 14750712 A 20140730; HK 16109793 A 20160816; US 201414910034 A 20140730