

Title (en)

ELEVATOR SYSTEM HAVING A LOAD CARRIER CONDITION DETECTOR DEVICE, AND METHOD FOR DETECTING A CONDITION OF A LOAD CARRIER

Title (de)

AUFZUGSYSTEM MIT TRAGMITTELZUSTANDERFASSUNGSEINRICHTUNG UND VERFAHREN ZUM ERFASSEN EINES ZUSTANDES EINES TRAGMITTELS

Title (fr)

SYSTÈME D'ASCENSEUR AVEC DISPOSITIF DE DÉTECTION DE L'ÉTAT D'UN MOYEN DE SUSPENSION ET PROCÉDÉ DE DÉTECTION DE L'ÉTAT D'UN MOYEN DE SUSPENSION

Publication

EP 2185455 A1 20100519 (DE)

Application

EP 08786821 A 20080804

Priority

- EP 2008060208 W 20080804
- EP 07114522 A 20070817
- EP 08786821 A 20080804

Abstract (en)

[origin: WO2009024452A1] The invention relates to an elevator system having an elevator cabin (1), a load carrier (2) for holding and/or moving the elevator cabin (1), and a detector device (8.1, 8.2, 8.3) for detecting a condition of the load carrier (2), the detector device (8.1, 8.2, 8.3) having an ultrasonic emitter (8.1) for generating and coupling ultrasonic waves (8) into the load carrier (2) and for generating ultrasonic waves (8) in the load carrier (2), and an ultrasonic receiver (8.2) for detecting ultrasonic waves (8, 8') of the load carrier (2).

IPC 8 full level

B66B 7/12 (2006.01)

CPC (source: EP US)

B66B 7/1215 (2013.01 - EP US); **D07B 1/145** (2013.01 - EP US)

Citation (search report)

See references of WO 2009024452A1

Designated contracting state (EPC)

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

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

WO 2009024452 A1 20090226; CN 101778791 A 20100714; EP 2185455 A1 20100519; US 2011192683 A1 20110811

DOCDB simple family (application)

EP 2008060208 W 20080804; CN 200880102584 A 20080804; EP 08786821 A 20080804; US 67262908 A 20080804