Title (en)
NOISE BASED ELEVATOR MALFUNCTION DETECTION

Title (de)
RAUSCHBASIERTE AUFZUGSFEHLFUNKTIONSDETEKTION

Title (fr)
DÉTECTION DE DYSFONCTIONNEMENTS D'ASCENSEUR À BASE DE BRUIT

Publication
EP 3287405 A1 20180228 (EN)

Application
EP 16185160 A 20160822

Priority
EP 16185160 A 20160822

Abstract (en)
A method for determining a malfunction of an elevator (12) comprises: detecting a vibration signal (26) within an elevator car (14); determining a vibration level (36) from the vibration signal (26); comparing the vibration level (36) with a threshold value (38); and, when the vibration level (36) exceeds the threshold value (38), generating an alert message (28).

IPC 8 full level
B66B 5/00 (2006.01)

CPC (source: EP)
B66B 5/0025 (2013.01)

Citation (applicant)
JP 2009274805 A 20091126 - HITACHI LTD

Citation (search report)
- [XI] JP 2010180011 A 20100819 - MITSUBISHI ELECTRIC CORP
- [XI] SG 188710 A1 20130430 - HITACHI LTD [JP]

Cited by
CN114261862A; EP3643669A1; CN111086938A; US11518650B2; EP3581534A1; EP3791236A4; WO2022222073A1; 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)
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