

Title (en)

MONITORING A SUPPORTING AND TRACTION MEANS OF AN ELEVATOR SYSTEM

Title (de)

ÜBERWACHUNG EINES TRAG- UND TREIBMITTELS EINER AUFZUGSANLAGE

Title (fr)

SURVEILLANCE D'UN MOYEN DE SUPPORT ET D'ENTRAÎNEMENT D'UN SYSTÈME D'ASCENSEUR

Publication

EP 2516313 A2 20121031 (DE)

Application

EP 10787794 A 20101210

Priority

- EP 09180234 A 20091221
- EP 2010069409 W 20101210
- EP 10787794 A 20101210

Abstract (en)

[origin: US2011148442A1] A monitoring device for a suspension-and-traction apparatus of an elevator system that includes at least one electrically conductive cord contains a measurement apparatus for determining a resulting resistance. The measurement apparatus is connected to the cord with contacting elements contacting opposite ends of cord. Damage to the suspension-and-traction apparatus is detected by a contact point that can register protruding conductive parts of the cord and, in another embodiment, the contacting elements each contain a plurality of mutually differing resistance elements such that each of at least two electrically conductive cords of the suspension-and-traction apparatus is connected to the monitoring device through two of the resistance elements.

IPC 8 full level

B66B 7/12 (2006.01); **G01N 27/00** (2006.01)

CPC (source: EP US)

B66B 7/1223 (2013.01 - EP US)

Citation (search report)

See references of WO 2011085885A2

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)

US 2011148442 A1 20110623; US 8686747 B2 20140401; AU 2010342458 A1 20120503; AU 2010342458 A8 20151022; AU 2010342458 B2 20150917; AU 2010342458 B8 20151022; BR 112012017169 A2 20170919; CA 2778870 A1 20110721; CA 2778870 C 20180508; CN 102933482 A 20130213; CN 102933482 B 20160420; CO 6511265 A2 20120831; EP 2516313 A2 20121031; EP 2516313 B1 20150408; EP 2910510 A1 20150826; ES 2541709 T3 20150723; WO 2011085885 A2 20110721; WO 2011085885 A3 20130425

DOCDB simple family (application)

US 97326410 A 20101220; AU 2010342458 A 20101210; BR 112012017169 A 20101210; CA 2778870 A 20101210; CN 201080052780 A 20101210; CO 12121931 A 20120719; EP 10787794 A 20101210; EP 15156332 A 20101210; EP 2010069409 W 20101210; ES 10787794 T 20101210