

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

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Application

EP 10787794 A 20101210

Priority

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- 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)

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Citation (opposition)

Opponent : OTIS Elevator Company

- WO 2005094248 A2 20051013 - OTIS ELEVATOR CO [US], et al
- JP 2002348068 A 20021204 - HITACHI LTD
- EP 1275608 A1 20030115 - INVENTIO AG [CH]
- US 2002194935 A1 20021226 - CLARKE ARTHUR [GB], et al
- WO 2005094249 A2 20051013 - OTIS ELEVATOR CO [US], et al
- WO 2005095250 A1 20051013 - OTIS ELEVATOR CO [US], et al
- EP 1357073 A1 20031029 - MITSUBISHI ELECTRIC CORP [JP]
- US 2002104715 A1 20020808 - ZAHARIA VLAD [US], et al

Designated contracting state (EPC)

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DOCDB simple family (publication)

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CA 2778870 C 20180508; CN 102933482 A 20130213; CN 102933482 B 20160420; CO 6511265 A2 20120831; EP 2516313 A2 20121031;
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