

Title (en)

Lift installation with a surveillance device of the load carrier for monitoring the status of the load carrier and method for testing the load carrier

Title (de)

Aufzugsanlage mit einer Tragmittelüberwachungseinrichtung zur Überwachung des Zustandes des Tragmittels und Verfahren zur Prüfung des Tragmittels

Title (fr)

Installation d'élévation dotée d'un dispositif de surveillance du moyen d'entraînement destiné à la surveillance de l'état d'un moyen d'entraînement et procédé de vérification du moyen d'entraînement

Publication

**EP 1847501 A3 20120502 (DE)**

Application

**EP 07106053 A 20070412**

Priority

- EP 06112728 A 20060418
- EP 07106053 A 20070412

Abstract (en)

[origin: EP1847501A2] The lift installation has the lift car and counterweight connected by a belt-like traction device (12), and a guiding device (18), preferably a guide roller (19), guides the traction device along a pick-up surface (21) of a traction device monitoring device (17). The guiding device is arranged on the two ends of the monitoring device and is a component part of the monitoring device. The pick-up surface is provided with a protective coating (22) which protects it against damage. An independent claim is included for a method for testing a traction device in a lift installation.

IPC 8 full level

**B66B 7/12** (2006.01)

CPC (source: EP US)

**B66B 7/062** (2013.01 - EP US); **B66B 7/1215** (2013.01 - EP US)

Citation (search report)

- [Y] US 2005063449 A1 20050324 - LUSTENBERGER MARTIN [CH]
- [Y] EP 1186565 A2 20020313 - SECURITY CONTROL S R L [IT]
- [A] WO 2004035913 A1 20040429 - INVENTIO AG [CH], et al
- [Y] PATENT ABSTRACTS OF JAPAN vol. 2003, no. 12 5 December 2003 (2003-12-05)

Cited by

DE202008001786U1; EP1886957A1; WO2009024452A1; WO2011054708A1; US8813574B2

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

**EP 1847501 A2 20071024; EP 1847501 A3 20120502; EP 1847501 B1 20141001**; BR PI0701817 A 20080311; BR PI0701817 B1 20190625; CN 101058384 A 20071024; CN 101058384 B 20101201; US 2008202863 A1 20080828; US 7686140 B2 20100330

DOCDB simple family (application)

**EP 07106053 A 20070412**; BR PI0701817 A 20070418; CN 200710096200 A 20070418; US 73682907 A 20070418