

Title (en)

ELEVATOR CONNECTION ASSEMBLY WITH STRAIN GAUGE

Title (de)

AUFZUGVERBINDUNGSANORDNUNG MIT DEHNUNGSMESSSTREIFEN

Title (fr)

ENSEMBLE DE CONNEXION D'ASCENSEUR AVEC JAUGE DE CONTRAINTE

Publication

EP 3210924 A1 20170830 (EN)

Application

EP 16156941 A 20160223

Priority

EP 16156941 A 20160223

Abstract (en)

A connection assembly (34) for connecting an end (18a, 18b) of a traction medium (16) of an elevator system (10) to an elevator shaft (14) comprises a support member (36) attachable to the elevator shaft (14); a rod (38) attached to the support member (36); a mount (40) at an end of the rod (38) for mounting the end (18a, 18b) of the traction medium (16) to the connection assembly (34); and a strain gauge (46) attached to the rod (38) and adapted for measuring a change of length of the rod (38) caused by a tension of the traction medium (16).

IPC 8 full level

B66B 7/10 (2006.01); **B66B 1/34** (2006.01)

CPC (source: EP)

B66B 1/3484 (2013.01); **B66B 7/10** (2013.01)

Citation (applicant)

- US 6123176 A 20000926 - O'DONNELL HUGH J [US], et al
- WO 03074406 A1 20030912 - OTIS ELEVATOR CO [US], et al

Citation (search report)

- [X1] KR 100923174 B1 20091022
- [ID] US 6123176 A 20000926 - O'DONNELL HUGH J [US], et al
- [A] JP 2015086027 A 20150507 - HITACHI BUILDING SYS CO LTD
- [A] JP 2014210656 A 20141113 - HITACHI BUILDING SYS CO LTD

Cited by

EP3578494A1; US10618772B2; EP3418234A1; JP2019006605A

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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