Title (en)

JACKETED SUSPENSION TRACTION MEMBER FOR AN ELEVATOR WITH DIFFERENT CORDS FOR LOAD SUSPENSION AND FOR TRACTION PROVISION

Title (de)

UMMANTELTES AUFHÄNGUNGSZUGELEMENT FÜR EINEN AUFZUG MIT VERSCHIEDENEN SEILEN ZUR LASTAUFHÄNGUNGS- UND ZUGBEREITSTELLUNG

Title (fr)

SUSPENSION GAINÉE À ÉLÉMENT DE TRACTION POUR UN ASCENSEUR AVEC DIFFÉRENTS CÂBLES DE SUSPENSION DE CHARGE ET DE FOURNITURE DE TRACTION

Publication

EP 3293135 A1 20180314 (EN)

Application

EP 16187686 A 20160907

Priority

EP 16187686 A 20160907

Abstract (en)

A jacketed suspension traction member (31) for an elevator (1) is proposed. The suspension traction member (STM) (31) comprises two different types of cords, i.e. a first type of cords (33) comprising mainly load suspending strands (39) and a second type of cords (35) comprising mainly traction providing strands (49). The STM (31) further comprises a common jacket (37) made from a bendable jacket material jacketing both the first and second types of cords. Therein, the load suspending strands (39) are comprised within the jacket (37) with a lower adhesion to the jacket (37) than the traction providing strands (49). By enclosing two different types of cords (33, 35) within a common jacket (37), each type of cords (33, 35) may be either optimised for a suspension function or for a traction function of the STM (31) by e.g. specifically adapting its positional arrangement, physical characteristics, etc.

IPC 8 full level

B66B 7/06 (2006.01)

CPC (source: EP US)

B66B 7/062 (2013.01 - EP US); D07B 1/22 (2013.01 - EP US); D07B 2201/1016 (2013.01 - EP); D07B 2501/2007 (2013.01 - EP)

Citation (search report)
- [XA] WO 2012170031 A1 20121213 - OTIS ELEVATOR CO [US], et al
- [XAI] CN 201546108 U 20100811 - XUESONG FANG
- [XAI] US 2012195733 A1 20120802 - BRUCH CHRISTIAN [DE], et al
- [A] EP 3015413 A1 20160504 - KONE CORP [FI]

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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