

Title (en)
ELEVATOR SUSPENSION AND/OR DRIVING ASSEMBLY HAVING AT LEAST ONE TRACTION SURFACE COMPRISING EXPOSED WEAVE FIBERS

Title (de)
AUFHÄNGUNGS- UND/ODER ANTRIEBSANORDNUNG FÜR EINEN AUFZUG MIT MINDESTENS EINER ZUGFLÄCHE MIT FREILIEGENDEN GEWEBEFASERN

Title (fr)
SUSPENSION ET/OU ENSEMBLE D'ENTRAÎNEMENT D'ASCENSEUR DOTÉ AU MOINS D'UNE SURFACE DE TRACTION COMPRENANT DES FIBRES D'ARMURE EXPOSÉES

Publication
EP 2619121 A4 20180207 (EN)

Application
EP 11827106 A 20110119

Priority
• US 2010049433 W 20100920
• US 2011021602 W 20110119

Abstract (en)
[origin: WO2012039781A1] An exemplary elongated elevator load bearing member includes a plurality of tension elements that extend along a length of the load bearing member. A plurality of weave fibers transverse to the tension elements are woven with the tension elements such that the weave fibers maintain a desired spacing and alignment of the tension elements relative to each other. The weave fibers at least partially cover the tension elements. The weave fibers are exposed and establish an exterior, traction surface of the load bearing member.

IPC 8 full level
B66B 7/06 (2006.01); **D03D 15/00** (2006.01); **D07B 1/06** (2006.01)

CPC (source: EP KR US)
B66B 7/06 (2013.01 - KR); **B66B 7/062** (2013.01 - EP US); **D03D 1/0094** (2013.01 - EP); **D03D 15/44** (2021.01 - KR); **D03D 15/58** (2021.01 - EP); **D07B 1/06** (2013.01 - KR); **D07B 5/045** (2021.01 - EP US); **D07B 2201/20903** (2015.07 - EP); **D07B 2501/2007** (2013.01 - EP); **D10B 2101/20** (2013.01 - EP); **D10B 2401/063** (2013.01 - EP)

Citation (search report)
• [X] US 3148710 A 19640915 - JOHN RIEGER, et al
• [X] GB 848005 A 19600914 - JOHN LEWIS, et al
• [X] GB 1559380 A 19800116 - BBA GROUP LTD
• [A] US 2270154 A 19420113 - WHITTIER BENJAMIN L
• [A] US 1475250 A 19231127 - AUGUST SUNDH
• See also references of WO 2012039781A1

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)
WO 2012039781 A1 20120329; BR 112013003964 A2 20190924; CN 103108825 A 20130515; CN 103108825 B 20150513; EP 2619121 A1 20130731; EP 2619121 A4 20180207; HK 1185328 A1 20140214; KR 101445652 B1 20140929; KR 20130064121 A 20130617; RU 2013104138 A 20141027; RU 2533960 C1 20141127

DOCDB simple family (application)
US 2011021602 W 20110119; BR 112013003964 A 20110119; CN 201180045010 A 20110119; EP 11827106 A 20110119; HK 13112711 A 20131113; KR 20137010124 A 20110119; RU 2013104138 A 20110119