

Title (en)  
ELEVATOR TENSION MEMBER

Title (de)  
AUFZUGSPANNELEMENT

Title (fr)  
ÉLÉMENT DE TENSION D'ASCENSEUR

Publication  
**EP 3205617 A1 20170816 (EN)**

Application  
**EP 17155315 A 20170209**

Priority  
US 201662293044 P 20160209

Abstract (en)  
A belt (16) for suspending and/or driving an elevator car includes a plurality of cords (24). Each cord (24) includes a plurality of wires and at least one yarn thread (32) disposed at an outer periphery of the plurality of wires. An elastomeric jacket (26) substantially retains the plurality of cords (24). The at least one yarn thread (32) is configured to promote adhesion of the elastomeric jacket (26) to the plurality of cords (24) and reduce fretting of the plurality of wires.

IPC 8 full level  
**B66B 7/06** (2006.01)

CPC (source: CN EP US)  
**B66B 7/062** (2013.01 - EP US); **B66B 7/10** (2013.01 - CN); **D02G 3/48** (2013.01 - EP); **D07B 1/0613** (2013.01 - EP);  
**D07B 1/22** (2013.01 - EP US); **D07B 2201/2098** (2013.01 - EP); **D07B 2207/4059** (2013.01 - EP); **D07B 2401/2095** (2013.01 - EP);  
**D07B 2501/2007** (2013.01 - EP)

C-Set (source: EP)  
**D07B 2207/4059 + D07B 2801/60**

Citation (search report)

- [X] WO 2012128753 A1 20120927 - OTIS ELEVATOR CO [US], et al
- [X] EP 2569243 A1 20130320 - OTIS ELEVATOR CO [US]
- [X] WO 2015126359 A1 20150827 - OTIS ELEVATOR CO [US]
- [X] WO 2011142756 A1 20111117 - OTIS ELEVATOR CO [US], et al
- [A] WO 03064760 A2 20030807 - THYSSEN ELEVATOR CAPITAL CORP [US]
- [A] WO 2007030261 A1 20070315 - GORE ENTERPRISE HOLDINGS INC [US], et al
- [A] WO 2013053621 A1 20130418 - BEKAERT SA NV [BE]

Cited by  
EP3332958A1; EP3757051A1; US10669127B2

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)  
**EP 3205617 A1 20170816; EP 3205617 B1 20201223**; CN 107043059 A 20170815; CN 107043059 B 20210119

DOCDB simple family (application)  
**EP 17155315 A 20170209**; CN 201710072313 A 20170208