

Title (en)
A SPEED GOVERNOR FOR ELEVATORS

Title (de)
GESCHWINDIGKEITSREGLER FÜR AUFZÜGE

Title (fr)
RÉGULATEUR DE VITESSE D'ASCENSEURS

Publication
EP 1748104 A1 20070131 (EN)

Application
EP 04742059 A 20040712

Priority
• ES 2004000331 W 20040712
• ES 200401118 A 20040510

Abstract (en)
The present invention relates to a rope and belt for a speed governor for elevators and associated sheaves that is applicable to speed governors for elevators. The rope comprises high-strength steel wires clustered in strands among which a core is in turn formed which is completely coated by a polymeric material which is introduced in the gaps defined between the strands, obtaining an outer polymeric surface with a diameter that is slightly greater than the diameter of the core. The belts cluster at least two metallic ropes comprising high-strength steel wires completely coated with a polymeric material. The sheaves designed for the ropes are semicircular or notched semicircular sheaves having a low aggression and reduced diameter and high level of adherence, determining a high coefficient of friction between the coated rope and the sheave, and a high strength of the rope against fatigue due to bending and wear is also obtained.

IPC 8 full level
D07B 1/16 (2006.01); **B66B 5/04** (2006.01); **B66B 7/06** (2006.01); **D07B 1/22** (2006.01)

CPC (source: EP ES KR US)
B66B 5/04 (2013.01 - EP KR US); **B66B 5/18** (2013.01 - EP); **B66B 7/06** (2013.01 - EP ES KR US); **D07B 1/16** (2013.01 - EP ES KR US); **D07B 1/22** (2013.01 - EP ES KR US); **D07B 2201/1008** (2013.01 - EP KR US); **D07B 2201/2055** (2013.01 - EP KR US); **D07B 2201/2061** (2013.01 - EP KR US); **D07B 2205/205** (2013.01 - EP US); **D07B 2501/2007** (2013.01 - EP KR US)

C-Set (source: EP US)
1. **D07B 2201/2055** + **D07B 2801/24**
2. **D07B 2201/2061** + **D07B 2801/24**
3. **D07B 2205/205** + **D07B 2801/14**

Citation (search report)
See references of WO 2005108672A1

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EP2020398A1; EP3153446A1; ES2341930A1; EP2020399A1; ES2341743A1; US9175437B2; EP2253571A1; US10220225B2; WO2012042120A1; WO2013051043A3; US10480703B2; EP2807105B1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1748104 A1 20070131; **EP 1748104 B1 20120222**; AT E546583 T1 20120315; BR PI0418768 A 20071009; BR PI0418768 B1 20150120; CN 1973082 A 20070530; CN 1973082 B 20110119; ES 2253981 A1 20060601; ES 2253981 B1 20070616; ES 2379353 T3 20120425; JP 2007536186 A 20071213; KR 20070047242 A 20070504; MX PA06012983 A 20070504; PT 1748104 E 20120315; RU 2006143639 A 20080620; US 2007221452 A1 20070927; WO 2005108672 A1 20051117

DOCDB simple family (application)
EP 04742059 A 20040712; AT 04742059 T 20040712; BR PI0418768 A 20040712; CN 200480043015 A 20040712; ES 04742059 T 20040712; ES 2004000331 W 20040712; ES 200401118 A 20040510; JP 2007512229 A 20040712; KR 20067026017 A 20061211; MX PA06012983 A 20040712; PT 04742059 T 20040712; RU 2006143639 A 20040712; US 56887506 A 20061109