

Title (en)  
A SPEED GOVERNOR FOR ELEVATORS

Title (de)  
GESCHWINDIGKEITSREGLER FÜR AUFZÜGE

Title (fr)  
RÉGULATEUR DE VITESSE D'ASCENSEURS

Publication  
**EP 1748104 B1 20120222 (EN)**

Application  
**EP 04742059 A 20040712**

Priority  
• ES 2004000331 W 20040712  
• ES 200401118 A 20040510

Abstract (en)  
[origin: EP1748104A1] 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.

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C-Set (source: EP US)  
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EP 1213250 A1 20020612 - KONE CORP [FI]

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

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