

Title (en)
ELEVATOR APPARATUS

Title (de)
AUFZUGSVORRICHTUNG

Title (fr)
ASCENSEUR

Publication
EP 1795483 A4 20110810 (EN)

Application
EP 04788365 A 20040930

Priority
JP 2004014337 W 20040930

Abstract (en)
[origin: EP1795483A1] In an elevator apparatus, a car is suspended inside a hoistway by a main rope. A car guiding apparatus that engages with a car guide rail is disposed on the car. A speed governor sheave is disposed in an upper portion of the hoistway. A speed governor rope is wound around the speed governor sheave. The speed governor rope is cycled together with raising and lowering of the car. A resin-coated rope having a coating body constituted by a resin material disposed on an outer peripheral portion is used for the main rope and the speed governor rope. An oilless guiding apparatus is used for the car guiding apparatus.

IPC 8 full level
B66B 7/04 (2006.01); **B66B 5/04** (2006.01); **B66B 7/06** (2006.01)

CPC (source: EP US)
B66B 7/06 (2013.01 - EP); **B66B 7/062** (2013.01 - EP US); **D07B 1/0686** (2013.01 - EP); **D07B 1/16** (2013.01 - EP);
D07B 1/22 (2013.01 - EP US); **D07B 2201/1016** (2013.01 - EP); **D07B 2201/1036** (2013.01 - EP); **D07B 2201/2049** (2013.01 - EP);
D07B 2201/2061 (2013.01 - EP); **D07B 2501/2007** (2013.01 - EP)

Citation (search report)
• [YA] EP 1213250 A1 20020612 - KONE CORP [FI]
• [Y] JP 2003341957 A 20031203 - YUNIMATEKKU KK
• [YA] EP 1199276 A1 20020424 - DAETWYLER AG [CH]
• [YA] US 4724929 A 19880216 - COLEMAN JOHN D [US], et al
• [Y] WO 2004043843 A1 20040527 - MITSUBISHI ELECTRIC CORP [JP]
• See references of WO 2006038254A1

Cited by
EP2072447A1; EP2558395A4; AU2011239921B2; US9796561B2; WO2011128492A1; US11591186B2; EP3608277A1; EP4177211A1;
EP2812482B1

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DE

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