

Title (en)
ELEVATOR APPARATUS

Title (de)
AUFZUGSVORRICHTUNG

Title (fr)
ASCENSEUR

Publication
EP 1795483 A1 20070613 (EN)

Application
EP 04788365 A 20040930

Priority
JP 2004014337 W 20040930

Abstract (en)
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)

C-Set (source: EP)
1. **D07B 2201/2061** + **D07B 2801/24**
2. **D07B 2201/2049** + **D07B 2801/24**

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

Designated contracting state (EPC)
DE

DOCDB simple family (publication)
EP 1795483 A1 20070613; **EP 1795483 A4 20110810**; CN 1886321 A 20061227; JP WO2006038254 A1 20080515;
WO 2006038254 A1 20060413

DOCDB simple family (application)
EP 04788365 A 20040930; CN 200480035381 A 20040930; JP 2004014337 W 20040930; JP 2006539085 A 20040930