

Title (en)
ROPE FOR ELEVATORS, AND ELEVATOR DEVICE

Title (de)
AUFZUGSSEIL UND AUFZUGSVORRICHTUNG

Title (fr)
CÂBLE POUR ASCENSEURS, ET DISPOSITIF D'ASCENSEUR

Publication
EP 2508459 B1 20150930 (EN)

Application
EP 09851847 A 20091202

Priority
JP 2009070233 W 20091202

Abstract (en)
[origin: EP2508459A1] Provided is an elevator rope comprising a rope main body and a covering resin layer that covers a periphery of the rope main body, in which the covering resin layer includes a molded product of a resin composition including a first resin component and a second resin component at a mass ratio of 90:10 to 70:30, the first resin component and the second resin component having a difference in glass transition temperature of 20°C or more. The elevator rope can stably brake a car in a wide range of sliding velocities from a range of small sliding velocities required for maintaining a static condition of the car to sliding velocities during normal operation by covering a rope with a resin material having a stable friction coefficient independent of temperature and sliding velocity.

IPC 8 full level
B66B 7/06 (2006.01); **D07B 1/06** (2006.01); **D07B 1/16** (2006.01); **D07B 5/00** (2006.01)

CPC (source: EP KR)
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C-Set (source: EP)
1. **D07B 2205/2003** + **D07B 2801/22**
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Cited by
WO2018015173A1; US11485611B2; EP3487802B1

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