

Title (en)
ELEVATOR APPARATUS

Title (de)
AUFZUGSVORRICHTUNG

Title (fr)
APPAREIL D ASCENSEUR

Publication
EP 1902994 A1 20080326 (EN)

Application
EP 05765669 A 20050713

Priority
JP 2005012904 W 20050713

Abstract (en)
A car and a counterweight are suspended within a hoistway by means of a main rope. A drive device for raising/lowering the car and the counterweight has a driving sheave around which the main rope is looped. The main rope has a surface formed of a resin. The main rope is also looped around a driven sheave, which is rotated through movement of the main rope. The driven sheave has an outer periphery portion provided with a groove portion into which the main rope is inserted. A coefficient of friction between an inner surface of the groove portion and the main rope is smaller than a coefficient of friction between iron materials.

IPC 8 full level
B66B 7/06 (2006.01); **B66B 15/04** (2006.01)

CPC (source: EP)
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Cited by
EP2679532A1; US9701517B2; US10647547B2; US10773929B2

Designated contracting state (EPC)
DE

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