

Title (en)
ROPE BRAKE DEVICE FOR ELEVATOR

Title (de)
SEILBREMSVORRICHTUNG FÜR AUFZUG

Title (fr)
DISPOSITIF DE FREIN DE CORDE POUR ASCENSEUR

Publication
EP 1892212 A4 20130220 (EN)

Application
EP 05751401 A 20050617

Priority
JP 2005011133 W 20050617

Abstract (en)
[origin: EP1892212A1] A main rope suspending a car is held between a first rope holding member including a first roller and a second rope holding member including a second roller. The first roller and the second roller are respectively rotated with the movement of the main rope. At least one of the first roller and the second roller serves as a brake roller. A brake device has a rotary member rotated integrally with the brake roller, a brake member displaceable between a contact position where the brake member is in contact with the rotary member and a separated position where the brake member is separated from the rotary member, and a brake member displacing device displacing the brake member. The brake device brakes the rotation of the rotary member and the brake roller by bringing the brake member into contact with the rotary member. The movement of the main rope is braked by braking the rotation of the brake roller.

IPC 8 full level
B66B 5/24 (2006.01); **B66B 5/18** (2006.01)

CPC (source: EP)
B66B 5/185 (2013.01)

Citation (search report)

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- [Y] DE 3322239 A1 19850110 - ZILLER ALFRED H FA [DE]
- [Y] JP 2003252552 A 20030910 - FUJITEC KK
- See references of WO 2006134661A1

Designated contracting state (EPC)
DE

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EP 1892212 A1 20080227; EP 1892212 A4 20130220; CN 101039869 A 20070919; CN 101039869 B 20101124;
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DOCDB simple family (application)
EP 05751401 A 20050617; CN 200580034572 A 20050617; JP 2005011133 W 20050617; JP 2006519040 A 20050617