

Title (en)
HOIST FOR ELEVATOR AND BRAKE SYSTEM

Title (de)
HEBEVORRICHTUNG FÜR AUFZUG UND BREMSSYSTEM

Title (fr)
ÉLÉVATEUR D'ASCENSEUR ET SYSTÈME DE FREINAGE

Publication
EP 2206674 A4 20131211 (EN)

Application
EP 07828983 A 20071002

Priority
JP 2007069243 W 20071002

Abstract (en)
[origin: EP2206674A1] It is an object to provide a braking device and a hoisting machine, which can be miniaturized while the braking torque does not depend on a rotational direction of a braking drum. In order to achieve the object, the braking device and the hoisting machine of the present invention includes an electromagnet mechanism including a stationary core by which the movable core is pulled by an electromagnetic coil and pressed by a pressure spring; and a braking member that is mounted on the movable core and brakes a braking drum, whereby the movable core is pivotally supported with respect to a shaft center, which is tangentially extended in a rotational direction of the braking drum, and rotated by the stationary core, and the braking member is pressed against or separated from the braking drum.

IPC 8 full level
B66B 11/04 (2006.01); **B66D 5/08** (2006.01); **B66D 5/30** (2006.01)

CPC (source: EP)
B66B 11/0438 (2013.01); **B66D 5/08** (2013.01); **B66D 5/30** (2013.01)

Citation (search report)

- [A] WO 2004050527 A1 20040617 - MITSUBISHI ELECTRIC CORP [JP] & EP 1568645 A1 20050831 - MITSUBISHI ELECTRIC CORP [JP]
- [AD] WO 03002448 A1 20030109 - MITSUBISHI ELECTRIC CORP [JP], et al & EP 1431232 A1 20040623 - MITSUBISHI ELECTRIC CORP [JP]
- [AD] WO 2005019085 A1 20050303 - MITSUBISHI ELECTRIC CORP [JP] & EP 1657207 A1 20060517 - MITSUBISHI ELECTRIC CORP [JP]
- See references of WO 2009044450A1

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

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