

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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Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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