

Title (en)  
BRAKE DEVICE FOR ELEVATOR HOIST

Title (de)  
BREMSVORRICHTUNG FÜR AUFZUG-HEBEZEUG

Title (fr)  
DISPOSITIF DE FREINAGE POUR APPAREIL ÉLEVATEUR

Publication  
**EP 2308788 A4 20140122 (EN)**

Application  
**EP 08777091 A 20080602**

Priority  
JP 2008060140 W 20080602

Abstract (en)  
[origin: EP2308788A1] In an elevator hoisting machine braking apparatus, a brake shoe and a movable core are coupled by a coupling member. The movable core is forced by a forcing body in a direction in which the brake shoe contacts a rotating body. The movable core displaces the brake shoe away from the rotating body in opposition to the force from the forcing body by electric power being supplied to an electromagnet. A holding helical portion is disposed on either one of the brake shoe or the movable core. An adjusting helical portion that can be screwed together with the holding helical portion is disposed on the coupling member. A position of the adjusting helical portion relative to the holding helical portion is fixed by a fixing means. The fixing means fixes the position of the adjusting helical portion relative to the holding helical portion by pressing the adjusting helical portion against the holding helical portion in a direction in which the brake shoe and the movable core approach each other.

IPC 8 full level  
**B66B 5/22** (2006.01); **B66D 5/08** (2006.01); **B66D 5/30** (2006.01); **F16D 65/22** (2006.01)

CPC (source: EP)  
**B66B 5/22** (2013.01); **B66D 5/08** (2013.01); **B66D 5/30** (2013.01)

Citation (search report)  
• [XA] WO 2004036080 A1 20040429 - MITSUBISHI ELECTRIC CORP [JP] & EP 2551545 A1 20130130 - MITSUBISHI ELECTRIC CORP [JP]  
• [XA] EP 1431232 A1 20040623 - MITSUBISHI ELECTRIC CORP [JP]  
• [A] US 4852702 A 19890801 - KANEKO KIYOKAZU [JP]  
• See references of WO 2009147708A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 2308788 A1 20110413; EP 2308788 A4 20140122; EP 2308788 B1 20160113**; CN 101977836 A 20110216; CN 101977836 B 20130424; JP 5235991 B2 20130710; JP WO2009147708 A1 20111020; KR 101219210 B1 20130108; KR 20100117111 A 20101102; WO 2009147708 A1 20091210

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**EP 08777091 A 20080602**; CN 200880128253 A 20080602; JP 2008060140 W 20080602; JP 2010515678 A 20080602; KR 20107020255 A 20080602