

Title (en)  
HOIST FOR ELEVATOR

Title (de)  
HEBEZEUG FÜR AUFZUG

Title (fr)  
PALAN POUR ASCENSEUR

Publication  
**EP 1790609 A4 20110720 (EN)**

Application  
**EP 04771055 A 20040729**

Priority  
JP 2004010842 W 20040729

Abstract (en)  
[origin: EP1790609A1] In a winch for an elevator according to this invention, a brake side housing is arranged in opposition to and fixedly secured to a motor side housing with a motor arranged therein. A sheave is rotatably mounted on a fixed shaft that penetrates through these brake side housing and motor side housing and is fixedly attached thereto. A pair of brake arms have their one ends rotatably mounted on the brake side housing, and brake shoes being in sliding contact with braking surfaces of a brake drum are attached to the brake arms, respectively. Brake springs are arranged in the brake side housing between the pair of brake arms for urging the pair of brake arms in a direction away from each other. An electromagnetic magnet is arranged in the brake side housing between the other ends of the pair of brake arms for attracting the other ends against the resilient forces of the brake springs thereby to rotate the brake arms.

IPC 8 full level  
**B66B 11/08** (2006.01)

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

Citation (search report)

- [A] EP 1394096 A1 20040303 - MITSUBISHI ELECTRIC CORP [JP]
- [A] JP 2002362861 A 20021218 - MITSUBISHI ELECTRIC CORP
- [A] JP H0840676 A 19960213 - KONE OY
- [A] EP 0631967 A2 19950104 - KONE OY [FI]
- See references of WO 2006011214A1

Designated contracting state (EPC)  
DE

DOCDB simple family (publication)  
**EP 1790609 A1 20070530; EP 1790609 A4 20110720; EP 1790609 B1 20140305**; CN 100537392 C 20090909; CN 1823001 A 20060823; JP 4292206 B2 20090708; JP WO2006011214 A1 20080501; WO 2006011214 A1 20060202

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