

Title (en)
EMERGENCY BRAKE DEVICE OF ELEVATOR

Title (de)
NOTBREMSVORRICHTUNG FÜR EINEN AUFZUG

Title (fr)
DISPOSITIF DE FREINAGE D URGENCE D UN ELEVATEUR

Publication
EP 1724225 B1 20130109 (EN)

Application
EP 04713643 A 20040223

Priority
JP 2004002056 W 20040223

Abstract (en)
[origin: EP1724225A1] An emergency brake device for an elevator has a braking member and braking/releasing means connected to the braking member. The braking member has an attachment member that is capable of rocking about a rotation shaft of a deflector sheave, and a brake shoe that is provided to the attachment member and brought into and out of contact with the deflector sheave side outer peripheral surface of a drive sheave due to the rocking motion of the attachment member. Upon brake release, the braking/releasing means holds the brake shoe in a separated position separated from the drive sheave, and upon braking, the braking/releasing means causes the braking member to rock to thereby bring the brake shoe into abutment with the drive sheave.

IPC 8 full level
B66B 5/02 (2006.01); **B66B 5/04** (2006.01); **B66D 5/00** (2006.01); **B66D 5/08** (2006.01); **B66D 5/30** (2006.01)

CPC (source: EP)
B66B 5/02 (2013.01); **B66D 5/08** (2013.01); **B66D 5/30** (2013.01)

Cited by
EP2452910A4; CN103062256A; EP2135832A1

Designated contracting state (EPC)
DE

DOCDB simple family (publication)
EP 1724225 A1 20061122; EP 1724225 A4 20120222; EP 1724225 B1 20130109; CN 100447068 C 20081231; CN 1747886 A 20060315; JP 4292201 B2 20090708; JP WO2005080248 A1 20070830; WO 2005080248 A1 20050901

DOCDB simple family (application)
EP 04713643 A 20040223; CN 200480003997 A 20040223; JP 2004002056 W 20040223; JP 2006519061 A 20040223