

Title (en)
SUSPENSION DEVICE FOR ELEVATOR

Title (de)
AUFHÄNGUNGSVORRICHTUNG FÜR AUFZUG

Title (fr)
DISPOSITIF DE SUSPENSION POUR ASCENSEUR

Publication
EP 1992582 A4 20130313 (EN)

Application
EP 06728702 A 20060307

Priority
JP 2006304333 W 20060307

Abstract (en)
[origin: EP1992582A1] A suspension device for an elevator has a main rope for suspending a raised/lowered body, and a cleat device for joining the main rope to the raised/lowered body. The cleat device is provided on the raised/lowered body. The cleat device includes a turning lever having an end of the main rope connected thereto to be turned with respect to the raised/lowered body through vertical displacement of the raised/lowered body with respect to the end of the main rope, a displacement body that is displaced horizontally with respect to the raised/lowered body through the turning of the turning lever, and an urging body for urging the displacement body in such a direction as to act against downward displacement of the raised/lowered body with respect to the end of the main rope.

IPC 8 full level
B66B 7/08 (2006.01); **B66B 11/02** (2006.01)

CPC (source: EP KR)
B66B 7/00 (2013.01 - KR); **B66B 7/08** (2013.01 - EP KR); **B66B 11/02** (2013.01 - EP)

Citation (search report)

- [Y] WO 2006018868 A1 20060223 - MITSUBISHI ELECTRIC CORP [JP], et al
- [YA] EP 1123891 A2 20010816 - OTIS ELEVATOR CO [US]
- [YA] GB 551193 A 19430211 - ASEA ELECTRIC LTD, et al & EP 1780161 A1 20070502 - MITSUBISHI ELECTRIC CORP [JP]
- See references of WO 2007102196A1

Cited by
CN103287948A; US9758346B2; WO2012175807A1

Designated contracting state (EPC)
DE

DOCDB simple family (publication)
EP 1992582 A1 20081119; EP 1992582 A4 20130313; CN 101321680 A 20081210; JP 5079495 B2 20121121; JP WO2007102196 A1 20090723; KR 101012254 B1 20110208; KR 20080078808 A 20080828; WO 2007102196 A1 20070913

DOCDB simple family (application)
EP 06728702 A 20060307; CN 200680045086 A 20060307; JP 2006304333 W 20060307; JP 2007508202 A 20060307; KR 20087012547 A 20060307