

Title (en)
ELEVATOR DEVICE

Title (de)
AUFZUGSVORRICHTUNG

Title (fr)
DISPOSITIF ÉLÉVATEUR

Publication
EP 2281768 A4 20140430 (EN)

Application
EP 08765298 A 20080606

Priority
JP 2008060485 W 20080606

Abstract (en)
[origin: EP2281768A1] A hoisting machine has: a hoisting machine main body; and a driving sheave that is rotated by the hoisting machine main body. A deflecting sheave is disposed so as to be positioned at a distance from the driving sheave. An endless friction belt that performs a cyclic motion due to rotation of the driving sheave is wound around the driving sheave and the deflecting sheave. A main rope that suspends a car is wound continuously around the driving sheave and the deflecting sheave such that the friction belt is interposed. The main rope is moved by the cyclic motion of the friction belt, and the car is raised and lowered by the movement of the main rope.

IPC 8 full level
B66B 11/04 (2006.01); **B66B 15/04** (2006.01)

CPC (source: EP)
B66B 11/0476 (2013.01); **B66B 15/04** (2013.01)

Citation (search report)

- [X] JP 2008081256 A 20080410 - TOSHIBA ELEVATOR CO LTD
- [A] GB 754678 A 19560808 - DYNAMIT NOBEL AG
- [A] JP 2005306513 A 20051104 - HITACHI LTD
- See references of WO 2009147749A1

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 2281768 A1 20110209; EP 2281768 A4 20140430; CN 102056831 A 20110511; JP WO2009147749 A1 20111020; KR 101238084 B1 20130227; KR 20100117122 A 20101102; WO 2009147749 A1 20091210

DOCDB simple family (application)
EP 08765298 A 20080606; CN 200880129643 A 20080606; JP 2008060485 W 20080606; JP 2010515725 A 20080606; KR 20107020889 A 20080606