

Title (en)
ELEVATOR APPARATUS

Title (de)
AUFZUGSVORRICHTUNG

Title (fr)
APPAREILLAGE D'ASCENSEUR

Publication
EP 1803676 A4 20120314 (EN)

Application
EP 04792660 A 20041020

Priority
JP 2004015494 W 20041020

Abstract (en)
[origin: EP1803676A1] An elevating body that can be raised/lowered is provided in a hoistway. The elevating body is raised/lowered by a raising/lowering mechanism installed in the hoistway. The raising/lowering mechanism has a driving device including a driving sheave, a main rope, which is looped around the driving sheave, for suspending the elevating body within the hoistway, and a tension pulley, around which the main rope is looped for applying a tensile force to the main rope. The elevating body is provided with a protrusion portion protruding from a lateral surface portion of the elevating body. The main rope is connected at one end of the main rope and the other end of the main rope to the protrusion portion.

IPC 8 full level
B66B 7/08 (2006.01); **B66B 11/00** (2006.01); **B66B 11/08** (2006.01)

CPC (source: EP)
B66B 7/08 (2013.01); **B66B 11/007** (2013.01); **B66B 11/008** (2013.01); **B66B 11/08** (2013.01)

Citation (search report)

- [XY] US 6193017 B1 20010227 - KOESTER REGINA [DE]
- [XY] JP S60154652 U 19851015
- [Y] US 2001009209 A1 20010726 - KOBAYASHI KIYOSHI [JP], et al
- [Y] JP H09210182 A 19970812 - TOSHIBA CORP
- [Y] JP S63306186 A 19881214 - MITSUBISHI ELECTRIC CORP
- [Y] EP 1327599 A1 20030716 - MITSUBISHI ELECTRIC CORP [JP]
- See references of WO 2006043317A1

Cited by
ES2443084A1

Designated contracting state (EPC)
DE

DOCDB simple family (publication)
EP 1803676 A1 20070704; EP 1803676 A4 20120314; CN 100534887 C 20090902; CN 1926048 A 20070307; JP 4658067 B2 20110323; JP WO2006043317 A1 20080522; WO 2006043317 A1 20060427

DOCDB simple family (application)
EP 04792660 A 20041020; CN 200480042383 A 20041020; JP 2004015494 W 20041020; JP 2006542134 A 20041020