

Title (en)  
ELEVATOR DEVICE

Title (de)  
AUFZUGSVORRICHTUNG

Title (fr)  
DISPOSITIF D'ASCENSEUR

Publication  
**EP 2019073 A4 20130130 (EN)**

Application  
**EP 06756372 A 20060519**

Priority  
JP 2006310016 W 20060519

Abstract (en)  
[origin: EP2019073A1] In a hoistway, a car is arranged so as to be movable up. The car is hung by a main rope unit that has first and second main ropes. The first and second main ropes have their individual upper end portions fixedly attached to an upper portion of the hoistway. On the car, there are mounted a pair of car hanging pulleys that horizontally guide the first and second main ropes from their individual upper end portions respectively, a drive unit that has a drive sheave around which the first and second main ropes from the car hanging pulleys are respectively wrapped, and a pair of wrap pulleys that guide the first and second main ropes from the drive sheave in direction downwardly of the car, respectively. The drive sheave is driven to rotate around a rotation shaft that is disposed along a vertical direction.

IPC 8 full level  
**B66B 11/04** (2006.01); **B66B 11/00** (2006.01)

CPC (source: EP KR)  
**B66B 11/005** (2013.01 - EP); **B66B 11/007** (2013.01 - EP); **B66B 11/008** (2013.01 - EP); **B66B 11/04** (2013.01 - KR)

Citation (search report)

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- [A] WO 2006040813 A1 20060420 - MITSUBISHI ELECTRIC CORP [JP], et al & JP 2006513116 A 20060420 & EP 1801061 A1 20070627 - MITSUBISHI ELECTRIC CORP [JP]
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Designated contracting state (EPC)  
DE

DOCDB simple family (publication)  
**EP 2019073 A1 20090128; EP 2019073 A4 20130130; EP 2019073 B1 20161123**; CN 101356111 A 20090128; CN 101356111 B 20120222; JP 5026260 B2 20120912; JP WO2007135716 A1 20090924; KR 101016822 B1 20110221; KR 20080097389 A 20081105; WO 2007135716 A1 20071129

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**EP 06756372 A 20060519**; CN 200680050844 A 20060519; JP 2006310016 W 20060519; JP 2007515717 A 20060519; KR 20087014030 A 20060519