

Title (en)  
ELEVATOR DEVICE

Title (de)  
AUFZUGSVORRICHTUNG

Title (fr)  
DISPOSITIF ÉLÉVATEUR

Publication  
**EP 2330066 A4 20140709 (EN)**

Application  
**EP 08877148 A 20081001**

Priority  
JP 2008067820 W 20081001

Abstract (en)  
[origin: EP2330066A1] Amount is fixed to an upper port ion of a car. The mount includes a pair of receiving portions arranged at an interval in a horizontal direction. Further, a cleat device is held on the mount. The cleat device includes: a hanger member including a pair of opposed portions individually inserted below the respective receiving portions, the hanger member being capable of being displaced in an up and down direction with respect to the mount; a pair of urging bodies individually arranged between the opposed portions and the receiving portions, the urging bodies urging the opposed portions and the receiving portions in such a direction as to resist displacement of the opposed portions and the receiving portions in a mutually approaching direction thereof; and a shackle arranged between the receiving portions and connected to the hanger member. The car is suspended by suspension means connected to the shackle.

IPC 8 full level  
**B66B 7/08** (2006.01); **B66B 1/34** (2006.01); **B66B 11/02** (2006.01)

CPC (source: EP KR)  
**B66B 1/3476** (2013.01 - EP); **B66B 7/08** (2013.01 - EP KR); **B66B 11/02** (2013.01 - KR); **B66B 11/0206** (2013.01 - EP); **B66B 13/30** (2013.01 - KR)

Citation (search report)  
• [XI] US 1884981 A 19321025 - FRITZ OTTO  
• [XI] JP S58140961 U 19830922  
• See references of WO 2010038289A1

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 2330066 A1 20110608; EP 2330066 A4 20140709; EP 2330066 B1 20161207**; CN 102171125 A 20110831; CN 102171125 B 20130619; JP 5398724 B2 20140129; JP WO2010038289 A1 20120223; KR 101208763 B1 20121205; KR 20110034026 A 20110404; WO 2010038289 A1 20100408

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**EP 08877148 A 20081001**; CN 200880131370 A 20081001; JP 2008067820 W 20081001; JP 2010531683 A 20081001; KR 20117004159 A 20081001