

Title (en)  
RAIL FIXING DEVICE OF ELEVATOR

Title (de)  
SCHIENENBEFESTIGUNGSVORRICHTUNG FÜR EINEN AUFZUG

Title (fr)  
DISPOSITIF DE FIXATION DE RAILS POUR ASCENSEUR

Publication  
**EP 1726555 A4 20091118 (EN)**

Application  
**EP 04728132 A 20040318**

Priority  
JP 2004003641 W 20040318

Abstract (en)  
[origin: EP1726555A1] In an elevator, guide rails for respectively guiding a car and a counterweight are arranged in a hoistway by means of a rail mounting device. A part of the hoistway is formed by a first inner wall surface and a second inner wall surface that is perpendicular to the first inner wall surface. The rail mounting device has a first wall-fixing portion and a second wall-fixing portion that are fixed to the first and second inner wall surfaces, respectively, and a mounting portion which is provided to at least one of the first and second wall-fixing portions and to which each guide rail is mounted. The first wall-fixing portion, the second wall-fixing portion, and the mounting portion are formed integrally with one another.

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

CPC (source: EP)  
**B66B 7/024** (2013.01)

Citation (search report)

- [X] JP 2001163548 A 20010619 - TOSHIBA CORP
- [X] CH 561659 A5 19750515 - KUENZLER ERNST AG
- [X] JP H0456179 U 19920514
- [A] JP H11180657 A 19990706 - HITACHI LTD
- See references of WO 2005097653A1

Cited by  
CN101941627A

Designated contracting state (EPC)  
DE

DOCDB simple family (publication)  
**EP 1726555 A1 20061129; EP 1726555 A4 20091118**; CN 1761607 A 20060419; CN 1761607 B 20110928; EP 2868612 A1 20150506; JP 4602329 B2 20101222; JP WO2005097653 A1 20070830; WO 2005097653 A1 20051020

DOCDB simple family (application)  
**EP 04728132 A 20040318**; CN 200480007163 A 20040318; EP 14197336 A 20040318; JP 2004003641 W 20040318; JP 2006519089 A 20040318