

Title (en)

GUIDE RAIL FOR ELEVATOR, AND RAIL SURFACE PROCESSING DEVICE FOR ELEVATOR

Title (de)

FÜHRUNGSSCHIENE FÜR AUFZUG UND SCHIENENFLÄCHENBEARBEITUNGSVORRICHTUNG FÜR AUFZUG

Title (fr)

RAIL DE GUIDAGE POUR ASCENSEUR ET DISPOSITIF DE TRAITEMENT DE SURFACE DE RAIL POUR ASCENSEUR

Publication

EP 2055662 A1 20090506 (EN)

Application

EP 06782900 A 20060822

Priority

JP 2006316396 W 20060822

Abstract (en)

A contact member facing in opposition to guide rails is provided on a vertical moving member which is driven to move up and down in a hoistway. The guide rails each have a rail support member, and a guide portion that is fixedly secured to the rail support member for guiding the vertical moving member while being in contact with the contact member. A minute concave portion and a minute convex portion are formed on a contact surface of the guide portion facing the contact member. The convex portion is provided with a pressed surface which is made smooth by placing a pressing member into pressed abutment with the contact surface thereby to plastically deform a material of the guide portion. As a result, it is possible to prevent trouble such as for example wear of the contact member, etc.

IPC 8 full level

B66B 7/02 (2006.01); **B23P 9/02** (2006.01); **B66B 7/12** (2006.01)

CPC (source: EP)

B66B 7/022 (2013.01); **B66B 7/1269** (2013.01)

Designated contracting state (EPC)

DE

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 2055662 A1 20090506; **EP 2055662 A4 20131218**; **EP 2055662 B1 20151118**; CN 101415633 A 20090422; CN 101415633 B 20111026; JP 5068652 B2 20121107; JP WO2008023407 A1 20100107; WO 2008023407 A1 20080228

DOCDB simple family (application)

EP 06782900 A 20060822; CN 200680054133 A 20060822; JP 2006316396 W 20060822; JP 2007526088 A 20060822