

Title (en)

BOTTOM-MOUNTED SLIDE AND MANUFACTURING METHOD THEREOF

Title (de)

AN EINER UNTERSEITE MONTIERTER SCHIEBER UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)

CURSEUR MONTÉ SUR UN FOND ET PROCÉDÉ DE FABRICATION CORRESPONDANT

Publication

**EP 2308348 A2 20110413 (EN)**

Application

**EP 09803129 A 20090728**

Priority

- KR 2009004183 W 20090728
- KR 20080073314 A 20080728

Abstract (en)

The present invention relates to a bottom-mounted slide. The bottom-mounted slide includes a movable member, stationary members and a ball housing. First raceways are formed in both lateral sides of the movable member. Each stationary member has second raceways which are respectively connected to the first raceways by corresponding balls to guide the movable member. The balls roll along the corresponding first and second raceways. The ball housing is provided between the movable member and each of the stationary members. The ball housing supports the balls. A depressed part is provided in a predetermined portion of each of the lateral sides of the movable member between the corresponding first raceways. The depressed part is inserted into a hollow space defined inside the first raceways of the corresponding end of the movable member. Therefore, the stability can be increased by improvement of roll-forming and reduction of horizontal moment.

IPC 8 full level

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CPC (source: EP US)

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Cited by

EP2967213A4; US9739306B2; US9850944B2

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Designated extension state (EPC)

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DOCDB simple family (publication)

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