

Title (en)

DEVICE FOR EXTRACTING A CATCHING MEANS FROM, AND INSERTING A CATCHING MEANS IN A GUIDING RAIL OF A PROTECTION AGAINST FALLING

Publication

**EP 0397159 B1 19920603 (DE)**

Application

**EP 90108793 A 19900510**

Priority

DE 8905853 U 19890510

Abstract (en)

[origin: US5029754A] A safety device is provided which includes a guide rail having a C-shaped profile wherein a carriage can be inserted in or removed from the guide rail. The guide rail includes a piece of rail with the same profile as the guide rail that is laterally pivotable about an axis. The piece of rail can pivot to both a closed position where it is aligned with the guide rail, and an open position wherein a carriage may be inserted therein. The axis is located beneath the center of the piece of rail so that a carriage can be inserted in, or removed from the piece of rail only from the top and cannot drop out the bottom. The piece of rail's laterally pivotable motion is limited to the minimum required for inserting a carriage into the piece of rail. A locking plate is displaceably mounted within the guide rail. The locking plate is displaceable between a locking position and a release position. It engages the piece of rail and one of the opposing ends of the guide rail when in the locking position and is fully retracted within one of the opposing ends of the guide rail when in the release position.

IPC 1-7

**A62B 35/04**; **E04G 21/32**; **E06C 7/18**

IPC 8 full level

**A62B 35/04** (2006.01); **E04G 21/32** (2006.01); **E06C 7/18** (2006.01)

CPC (source: EP US)

**E06C 7/187** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

**US 5029754 A 19910709**; AT E76935 T1 19920615; CA 2016413 A1 19901110; CA 2016413 C 19940111; DE 59000142 D1 19920709; DE 8905853 U1 19890629; EP 0397159 A1 19901114; EP 0397159 B1 19920603; ES 2033151 T3 19930301

DOCDB simple family (application)

**US 52200690 A 19900510**; AT 90108793 T 19900510; CA 2016413 A 19900509; DE 59000142 T 19900510; DE 8905853 U 19890510; EP 90108793 A 19900510; ES 90108793 T 19900510