

Title (en)
CATCH DEVICE AS PART OF A FALL PROTECTION FOR LADDERS AND SIMILAR CLIMBING DEVICES

Title (de)
AUFFANGGERÄT ALS TEIL EINER ABSTURZSICHERUNG FÜR LEITERN UND ÄHNLICHE STEIGWEGE

Title (fr)
APPAREIL D'ABSORPTION FAISANT PARTIE D'UN ABSORBEUR D'ENERGIE POUR CABLES ET ELEMENTS D'ASCENSION ANALOGUES

Publication
EP 1671009 B1 20080625 (DE)

Application
EP 04766771 A 20040913

Priority

- EP 2004052144 W 20040913
- DE 20314230 U 20030912

Abstract (en)
[origin: US2006283662A1] A catch device, as part of a fall protection for ladders and similar climbing devices, for application in a guide rail with a C-profile, includes a body and at least two pairs of rollers, arranged in the body so as to run inside the guide rail. At least one pair of rollers is rigidly fixed to the body and one roller pair is arranged to pivot about an axis at right angles to the longitudinal axis of the guide rail and which runs up to the rotational axis of the roller pair. The pivoting roller pair can be fixed in a secure position such that the pivoting roller pair is fixed on a shaft, mounted so as to rotate in the body, the upper end of the shaft projecting from the body and having an indent. A hanging latch is connected to the body which may engage in the indent. The hanging latch can be locked in the engaged position.

IPC 8 full level
E06C 7/18 (2006.01); **A62B 1/14** (2006.01); **A62B 1/20** (2006.01)

CPC (source: EP US)
A62B 1/14 (2013.01 - EP US); **A62B 35/0062** (2013.01 - EP US); **E06C 7/187** (2013.01 - EP US)

Cited by
WO2011055301A3; DE202009013672U1; WO2011055301A2; DE102010031208A1; WO2012004033A1; DE212011100006U1; US9211426B2; DE102010031208B4

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
US 2006283662 A1 20061221; US 7708116 B2 20100504; AT E399248 T1 20080715; AU 2004272767 A1 20050324; AU 2004272767 B2 20100715; DE 20314230 U1 20031106; DE 502004007452 D1 20080807; EP 1671009 A1 20060621; EP 1671009 B1 20080625; NZ 545840 A 20081224; WO 2005026491 A1 20050324; ZA 200602052 B 20070725

DOCDB simple family (application)
US 57159206 A 20060510; AT 04766771 T 20040913; AU 2004272767 A 20040913; DE 20314230 U 20030912; DE 502004007452 T 20040913; EP 04766771 A 20040913; EP 2004052144 W 20040913; NZ 54584004 A 20040913; ZA 200602052 A 20040913