

Title (en)

ELECTRONICALLY CONTROLLED CATCHING DEVICE FOR A FALL PROTECTION SYSTEM

Title (de)

ELEKTRONISCH GESTEUERTE FANGVORRICHTUNG FÜR EIN STEIGSCHUTZSYSTEM

Title (fr)

DISPOSITIF DE SECURITE COMMANDE ELECTRONIQUEMENT POUR UN SYSTEME DE PROTECTION ANTICHUTE

Publication

**EP 2318635 B1 20120215 (DE)**

Application

**EP 09800080 A 20090727**

Priority

- EP 2009059628 W 20090727
- FR 0804259 A 20080725
- DE 202008015472 U 20081121

Abstract (en)

[origin: WO2010010197A1] The catching device (10) for a fall protection system can be guided in a guide rail (12) and a protected person can impact the device. The catching device (10) comprises a locking device (30) pre-stressed into a first position in which the catching device can be locked onto the guide rail, and a support device that retains the locking device in a second unlocked position. The catching device (10) further comprises an electrical/electronic speed setting device (60) and an electronic control system (70) for releasing the support device when a pre-determined speed is exceeded, and thereby releasing the locking device (30) for shifting to the first, locking position. The locking device (30) can comprise a two-part pawl latch (100) with a lever (104) and a latching lug (102) designed as two separate elements rotatably mounted on an axle (120), wherein the point of impact (18) is located at one end of the lever (104).

IPC 8 full level

**A62B 35/00** (2006.01); **A62B 1/10** (2006.01); **E06C 7/18** (2006.01)

CPC (source: EP)

**A62B 35/00** (2013.01); **A62B 35/0062** (2013.01); **A62B 35/0081** (2013.01); **E06C 7/187** (2013.01)

Cited by

WO2017122035A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

**WO 2010010197 A1 20100128**; AT E545451 T1 20120315; AU 2009273150 A1 20100128; BR PI0916653 A2 20190326; CA 2731080 A1 20100128; DE 202008015472 U1 20100408; EP 2318635 A1 20110511; EP 2318635 B1 20120215

DOCDB simple family (application)

**EP 2009059628 W 20090727**; AT 09800080 T 20090727; AU 2009273150 A 20090727; BR PI0916653 A 20090727; CA 2731080 A 20090727; DE 202008015472 U 20081121; EP 09800080 A 20090727