

Title (en)
CATCHING DEVICE FOR A CLIMBING PROTECTION SYSTEM

Title (de)
AUFFANGGERÄT FÜR EIN STEIGSCHUTZSYSTEM

Title (fr)
DISPOSITIF DE BLOCAGE POUR UN SYSTÈME ANTI-CHUTE

Publication
EP 2091614 A1 20090826 (DE)

Application
EP 06807322 A 20061016

Priority
EP 2006067469 W 20061016

Abstract (en)
[origin: WO2008046446A1] The catching device (10) is part of a climbing protection system for preventing a user from falling from a ladder, a platform or the like. The catching device (10) is able to move along a guide rail (12) and comprises a rotatably mounted pawl (18) which, in the event of a fall, runs against arrestors (16) in the guide rail (12). A connecting element (40) is attached to the pawl (18) and the user can be secured to the connecting element (40) by means of a safety belt. The connecting element (40) is articulated on the pawl (18). The articulation of the connecting element (40) on the pawl (18) can be such that the connecting element (40) is coupled releasably and in a rotationally fixed manner to the pawl (18) and the coupling (50, 52) is released when a predetermined force is applied to the connecting element (40). The connecting element can be designed as a damping element (40) which deforms when exposed to a predetermined force.

IPC 8 full level
A62B 1/14 (2006.01); **A62B 35/04** (2006.01); **E06C 7/18** (2006.01)

CPC (source: EP US)
A62B 1/14 (2013.01 - EP US); **A62B 35/04** (2013.01 - EP US); **E06C 7/187** (2013.01 - EP US)

Citation (search report)
See references of WO 2008046446A1

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

DOCDB simple family (publication)
WO 2008046446 A1 20080424; AU 2006349972 A1 20080424; AU 2006349972 B2 20120517; EP 2091614 A1 20090826; US 2010012424 A1 20100121; US 8584797 B2 20131119

DOCDB simple family (application)
EP 2006067469 W 20061016; AU 2006349972 A 20061016; EP 06807322 A 20061016; US 44434509 A 20090403