

Title (en)

DEVICE FOR SECURING A PERSON CLIMBING AN OBJECT COMPRISING AT LEAST ONE SAFETY CLIMBING RUNG, SYSTEM CONSISTING OF SUCH A DEVICE WITH A SAFETY CLIMBING RUNG, AND METHOD FOR FASTENING SUCH A DEVICE

Title (de)

VORRICHTUNG ZUR SICHERUNG EINER AN EINEM OBJEKT MIT MINDESTENS EINER SICHERHEITSSTEGSPROSSE KLETTERNDEN PERSON, SYSTEM AUS EINER SOLCHEN VORRICHTUNG MIT EINER SICHERHEITSSTEGSPROSSE UND VERFAHREN ZUR BEFESTIGUNG EINER SOLCHEN VORRICHTUNG

Title (fr)

DISPOSITIF DE SÉCURISATION D'UNE PERSONNE ESCALADANT UN OBJET COMPRENANT AU MOINS UN CROISILLON DE SÉCURITÉ, SYSTÈME COMPOSÉ D'UN TEL DISPOSITIF AVEC CROISILLON DE SÉCURITÉ ET PROCÉDÉ DE FIXATION D'UN TEL DISPOSITIF

Publication

EP 3151925 B1 20190828 (DE)

Application

EP 15726976 A 20150605

Priority

- DE 102014107992 A 20140605
- EP 2015062586 W 20150605

Abstract (en)

[origin: WO2015185725A1] The invention relates to a device for securing a person climbing an object comprising at least one safety climbing rung, to a system consisting of such a device with a safety climbing rung, and to a method for fastening such a device, in particular to power poles comprising safety climbing rungs. The aim of the invention is to allow an uncomplicated and simultaneously particularly secure fastening of the device to the structure. The device according to the invention for securing a person climbing an object comprising at least one safety climbing rung (12) with a loose cable (26) to be carried by the climber, said safety climbing rung (12) being a climbing bolt with an attachment eyelet (44), comprises a) at least one retaining means (30) for fixing the device (10) to the object in a specified position, b) a structural arrangement which allows the cable (26) to be guided from below into the device (10) fixed in the specified position and upwards back out of the device, and c) a mechanism which automatically blocks the cable (26) when the speed of the cable (26) through the device (10) exceeds a specified threshold, wherein d) at least one fixing mandrel (32) with at least one free end (18, 22, 36, 38) is provided as the retaining means (30) for pre-fixing the device (10) to the attachment eyelet (44) by at least partly introducing the free end (18, 22, 36, 38) into the attachment eyelet (44), and/or e) a fixing opening (62) which is formed in a retaining portion (60) and which is adapted to receive the attachment eyelet (44) is provided as a retaining means (30) for at least partly receiving the attachment eyelet (44).

IPC 8 full level

A62B 35/00 (2006.01); **A62B 1/08** (2006.01)

CPC (source: EP)

A62B 1/08 (2013.01); **A62B 35/0068** (2013.01)

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2015185725 A1 20151210; DE 102014107992 A1 20151217; DE 102014107992 B4 20240229; EP 3151925 A1 20170412; EP 3151925 B1 20190828

DOCDB simple family (application)

EP 2015062586 W 20150605; DE 102014107992 A 20140605; EP 15726976 A 20150605