

Title (en)

FALL ARRESTER HAVING DAMPING, AND DAMPING ELEMENTS FOR A FALL PROTECTION DEVICE

Title (de)

FANGSCHLITTEN MIT DÄMPFUNG UND DÄMPFUNGSELEMENTE FÜR EINE ABSTURZSICHERUNG

Title (fr)

COULISSEAU D'ARRÊT AVEC AMORTISSEUR ET ÉLÉMENTS AMORTISSEURS POUR UN DISPOSITIF ANTICHUTE

Publication

EP 2958636 B1 20230412 (DE)

Application

EP 14722081 A 20140221

Priority

- DE 102013002971 A 20130222
- DE 2014000073 W 20140221

Abstract (en)

[origin: CA2908851A1] The invention relates to a fall arrester (1) for a cable holding device (2) that can be installed without a roof penetration, which cable holding device has at least one post (2a), wherein the fall arrester (1) has multiple layers at least in one section of the fall arrester and a post stabiliser (4) and/or a post anchorage (5) is integrated into the multi-layer section (3), and wherein the post stabiliser (4) and/or the post anchorage (5) has multiple layers at least in one section thereof and the multi-layer section (3) of the fall arrester (1) has at least one layer (3a) made of a composite material reinforced with glass fibres and/or with carbon fibres (FRP layer), and said FRP layer (3a) also forms a layer of the multi-layer post stabiliser (4) and/or of the multi-layer post anchorage (5). The invention further relates to a post stabiliser, which has multiple layers at least in one section and which has at least one layer (3a) made of a composite material reinforced with glass fibres and/or with carbon fibres (FRP layer), and a fall protection device, which is constructed of several cable holding devices, or a fall protection system constructed of several fall protection devices.

IPC 8 full level

A62B 35/00 (2006.01); **A62B 35/04** (2006.01); **E04G 21/32** (2006.01)

CPC (source: EP US)

A62B 35/0068 (2013.01 - EP US); **A62B 35/04** (2013.01 - EP US); **E04G 21/328** (2013.01 - EP US); **E04G 21/329** (2013.01 - EP US)

Citation (examination)

US 2005169735 A1 20050804 - PELSUE BRADLEY A [US]

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)

DE 102013002971 A1 20140828; CA 2908851 A1 20140828; CA 2908851 C 20200818; DE 112014000949 A5 20160218; EP 2958636 A2 20151230; EP 2958636 B1 20230412; HU 231136 B1 20201228; HU E062954 T2 20231228; HU P1300301 A2 20140828; SI 2958636 T1 20230831; US 2016059054 A1 20160303; US 9649517 B2 20170516; WO 2014127760 A2 20140828; WO 2014127760 A3 20141016

DOCDB simple family (application)

DE 102013002971 A 20130222; CA 2908851 A 20140221; DE 112014000949 T 20140221; DE 2014000073 W 20140221; EP 14722081 A 20140221; HU E14722081 A 20140221; HU P1300301 A 20130510; SI 201432034 T 20140221; US 201414769894 A 20140221