

Title (en)

CABLE-LOOP RAIL

Title (de)

SEILSCHLAUFENSCHIENE

Title (fr)

PROFILÉ D'ANCRAGE POUR BOUCLES DE CÂBLE

Publication

EP 2183446 A1 20100512 (DE)

Application

EP 08801436 A 20080404

Priority

- EP 2008002703 W 20080404
- DE 202007010509 U 20070726

Abstract (en)

[origin: WO2009012827A1] The present invention relates to a rail for accommodating cable loops (5) for connecting prefabricated parts (40, 50), comprising a rail (10) with a U-shaped profile which has a base plate (11) and two angled side plates (12a, 12b; 22a, 22b), with apertures (9) in the base plate (11) of the U-shaped profile for the through-passage of cable loops (5) and with a surface structure which is intended to improve the grip in the prefabricated part and is in the form of projecting and/or set-back wall portions in the base plate (11) and/or on the side walls (12a, 12b; 22a, 22b) of the U-shaped profile, and to a method of connecting precast elements with the aid of corresponding rails. In order to configure the connection between precast elements in order to absorb relatively high loads, the invention proposes that the surface structure at least in the base plate (11) of the U-shaped profile, in addition to the apertures (9) for cable loops (5), has at least one cavity (1), of which the cross-sectional surface area as measured in the plane of the base plate (11) is at least 4 cm² and the minimum length, width and depth dimensions are each at least 1 cm.

IPC 8 full level

E04G 21/12 (2006.01)

CPC (source: EP)

B28B 23/005 (2013.01); **B28B 23/0056** (2013.01); **E04G 21/125** (2013.01); **E04G 21/126** (2013.01)

Citation (search report)

See references of WO 2009012827A1

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 MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

DE 202007010509 U1 20081204; AU 2008280579 A1 20090129; AU 2008280579 B2 20140109; DK 2183446 T3 20160926; EP 2183446 A1 20100512; EP 2183446 B1 20160824; ES 2595060 T3 20161227; LT 2183446 T 20161125; PL 2183446 T3 20161230; PT 2183446 T 20161007; WO 2009012827 A1 20090129

DOCDB simple family (application)

DE 202007010509 U 20070726; AU 2008280579 A 20080404; DK 08801436 T 20080404; EP 08801436 A 20080404; EP 2008002703 W 20080404; ES 08801436 T 20080404; LT 08801436 T 20080404; PL 08801436 T 20080404; PT 08801436 T 20080404