

Title (en)

FASTENING ELEMENT AND METHOD FOR FASTENING GUARD ELEMENTS ON A SUBSTRUCTURE

Title (de)

BEFESTIGUNGSELEMENT UND VERFAHREN ZUM BEFESTIGEN VON FANGSCHUTZELEMENTEN AUF EINER UNTERKONSTRUKTION

Title (fr)

ÉLÉMENT DE FIXATION ET PROCÉDÉ DE FIXATION D'ÉLÉMENTS DE GARDE-FOU À UNE SOUS-STRUCTURE

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Application

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Abstract (en)

[origin: WO2016202325A1] The present invention relates to a fastening element (1) and a method for fastening guard elements (2) on a substructure (5). In order to provide an improved fastening element (1) for fastening guard elements (2), the fastening element (1) according to the invention consists of a shot-fire element (3) and a collar screw connection (4), wherein the shot-fire element (3) comprises a tip (3a) and a body with an external thread (3b), and the collar screw connection (4) has a blind hole, which has an internal thread (4b) that corresponds to the external thread (3b) of the shot-fire element (3), whereby the shot-fire element (3) can be connected to the collar screw connection (4). The guard elements (2), which have a peripheral collar, are placed on a substructure (5), in particular a steel structure, for example an I-beam, and subsequently fastened by means of fastening elements (1). For this purpose, the shot-fire element (3) is fired into the substructure (steel substructure) (5) by means of a bolt gun, such that the tip (3a) is plunged into the substructure (5). This results in a form-locked and captive connection between the shot-fire element (1) and the substructure (5).

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