

Title (en)

METHOD, FASTENING ELEMENT AND FASTENING ARRANGEMENT FOR ATTACHING AND ACTIVATING SHAPE MEMORY ALLOY ELEMENTS TO STRUCTURES TO BE REINFORCED

Title (de)

VERFAHREN, BEFESTIGUNGSELEMENT UND BEFESTIGUNGSANORDNUNG ZUR ANBRINGUNG UND AKTIVIERUNG VON FORMGEDÄCHTNISLEGIERUNGSELEMENTEN AN ZU BEWEHRENDEN BAUWERKEN

Title (fr)

PROCÉDÉ, ÉLÉMENT DE FIXATION ET ENSEMBLE DE FIXATION DESTINÉS AU MONTAGE ET À L'ACTIVATION D'ÉLÉMENTS EN ALLIAGE À MÉMOIRE DE FORME SUR DES OUVRAGES À ÉQUIPER D'UNE ARMATURE

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Application

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Abstract (en)

[origin: WO2018172032A1] The invention relates to a method, a fastening element and a fastening arrangement for fixing a shape memory alloy element (SMAE) (3) to a structure to be reinforced (3). One aim of the invention is to fasten the SMAE (3) robustly to the structure (2) to be reinforced and to subsequently activate same in the most simple way possible. To this end, according to the invention, the current that is needed to activate the SMAE (3) is to be introduced directly into at least one anchoring element (3) located on the SMAE and/or is to be introduced directly into a fastening element (7) located on the SMAE (3).

IPC 8 full level

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