

Title (en)

STUD ELEMENT AND WELDING METHOD FOR CONNECTING SAID STUD ELEMENT TO A WORKPIECE

Title (de)

BOLZENELEMENT UND SCHWEISSVERFAHREN ZUM VERBINDEN DIESER BOLZENELEMENTES MIT EINEM WERKSTÜCK

Title (fr)

ÉLÉMENT GOUJON ET PROCÉDÉ DE SOUDAGE PERMETTANT DE RELIER CET ÉLÉMENT GOUJON À UNE PIÈCE

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Abstract (en)

[origin: WO2015082177A1] The present invention relates to a stud element (1) and in particular to a welding stud element which is suitable for connecting to a workpiece (10) by way of a welding method, wherein a welding surface of the head (3) of the stud element has at least one internal protrusion (4) and at least one external protrusion (5, 5a, 5b), said protrusions extending away from the welding surface, wherein the external protrusion (5, 5a, 5b) is arranged circumferentially around the internal protrusion (4). Furthermore, the present invention relates to a welding method and in particular a stud arc-welding method for connecting the abovementioned stud element to a workpiece (10).

IPC 8 full level

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