

Title (en)

METHOD FOR ASSEMBLING AT LEAST TWO COMPONENT METAL ELEMENTS FOR PRODUCING A STRUCTURE

Title (de)

VERBINDUNGSVERFAHREN VON MINIMAL ZWEI METALLISCHEN BAUTEILEN ZUR HERSTELLUNG EINER STRUKTUR

Title (fr)

PROCEDE D'ASSEMBLAGE D'AU MOINS DEUX ELEMENTS CONSTITUTIFS EN METAL EN VUE DE CREER UNE STRUCTURE

Publication

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Application

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Abstract (en)

[origin: EP1066894A1] The invention concerns a method for assembling at least two simple sheet metal elements (1, 2, 3,; 11, 12, 21, 21', 22, 22') for producing a structural part with open section, preferably U-shaped, or closed section, at least one of the metal elements having a high or very high yield strength and low deformability. The invention is characterised in that the metal elements are formed by at least a folding process; the metal elements are arranged relative to each other along a junction section; the metal elements are assembled by a crimped lap-joint (4) along the junction section of said elements.

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