

Title (en)

METHOD FOR CONNECTING WORKPIECES AND CONNECTING PIECES PRODUCED BY THIS METHOD

Title (de)

VERFAHREN ZUM VERBINDEN VON WERKSTÜCKEN UND MIT DIESEM VERFAHREN HERGESTELLTE VERBINDUNGSSTÜCKE

Title (fr)

PROCÉDÉ POUR RELIER DES PIÈCES ET PIÈCES ASSEMBLÉES FABRIQUÉES PAR CE PROCÉDÉ

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Application

EP 16774858 A 20160907

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Abstract (en)

[origin: WO2017041900A1] The invention relates to a method for joining materials (1, 2) which are of different types and cannot be welded directly to one another, in which method by thermal spraying, in particular by cold gas spraying, a spray coating (3) is produced which at least partially covers the surface of a first workpiece (1) made of a first material (1), wherein the type of spray coating (3) is selected such that the spray coating forms a substance-to-substance bond with the first material (1) by means of the physical forces and chemical operations during application of the spray coating (3), characterized in that for joining the two workpieces (1, 2) the second material (2) is welded to the spray coating (3). The invention further relates to a welded joint piece which is produced by the method according to the invention.

IPC 8 full level

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