

Title (en)

TOOL FOR THE MECHANICAL CONNECTION OF PLATES

Title (de)

WERKZEUG ZUM MECHANISCHEN VERBINDEN VON PLATTEN

Title (fr)

OUTIL SERVANT A RELIER DES PLAQUES D'UN POINT DE VUE MECANIQUE

Publication

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Application

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Abstract (en)

[origin: WO02092256A1] A mechanical tool is disclosed, in particular for clinch jointing, comprising a stamp (1) and a die (2), whereby both stamp and die are two-pieced embodiments. One piece (8, 13) serves for the direct machining and thus consists of a harder material, whilst the other piece (7, 12) serves for mounting the tool.

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CPC (source: EP KR US)

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Citation (search report)

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**WO 02092256 A1 20021121**; AT E338593 T1 20060915; AU 2002304903 B2 20070426; BR 0209533 A 20040309; BR 0209533 B1 20110208; CA 2446424 A1 20021121; CA 2446424 C 20071218; CN 1505548 A 20040616; CN 1505548 B 20111207; CZ 20033049 A3 20040512; DE 10221247 A1 20021205; DE 10292020 D2 20040527; DE 50208073 D1 20061019; EP 1385649 A1 20040204; EP 1385649 B1 20060906; ES 2271254 T3 20070416; JP 2004520941 A 20040715; KR 100967454 B1 20100701; KR 20040022218 A 20040311; MX PA03010137 A 20050307; PL 201638 B1 20090430; PL 363647 A1 20041129; RU 2003135847 A 20050527; RU 2306193 C2 20070920; US 2004143948 A1 20040729; US 7578055 B2 20090825

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