

Title (en)
Press tool and method of cold-working a connection between workpieces

Title (de)
Presswerkzeug und Verfahren zum kaltumformenden Verbinden von Werkstücken

Title (fr)
Outil de pressage et procédé pour connecter des pièces par déformation à froid

Publication
EP 1095739 B1 20040630 (DE)

Application
EP 00123080 A 20001024

Priority
• CH 195199 A 19991026
• DE 10019701 A 20000420

Abstract (en)
[origin: EP1095739A2] The press tool for bonding two pipe workpieces (2,3), in a cold shaping action, gives bonding zones at the circular outer circle shapes of the pipes (2,3) which are pushed into each other.. The press pads (10) match the outer cross section shape of the workpieces, when closed together, and can have openings (13,17). The press tool can also have two press pads (10) and a mounting bolt. On applying the press force (F), the cold shaping forces are transferred to the workpieces (2,3). The gap (A) between the press pads (10) is adjusted according to the mfg. tolerances of the workpieces (2,3).

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B25B 27/10; B21D 39/04

IPC 8 full level
B21D 39/04 (2006.01); **B25B 27/10** (2006.01)

CPC (source: EP US)
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Cited by
DE102013106870A1; EP1531016A1; DE102005046333B3; DE102004045156A1; DE202004007032U1; DE102004045156B4; EP1591176A1; US7146839B2; US10092942B2; US7484398B2; US7237427B2

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EP 1095739 A2 20010502; **EP 1095739 A3 20010808**; **EP 1095739 B1 20040630**; AT E270169 T1 20040715; DE 50006944 D1 20040805; ES 2223362 T3 20050301; US 2003088962 A1 20030515; US 6694586 B1 20040224; US 6729009 B2 20040504

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