

Title (en)  
Crimp pressing tool

Title (de)  
Presswerkzeug

Title (fr)  
Outil de sertissage

Publication  
**EP 1208949 A3 20020717 (DE)**

Application  
**EP 01122724 A 20010921**

Priority  
• DE 10052071 A 20001019  
• DE 10107579 A 20010217

Abstract (en)  
[origin: DE10107579A1] The two press jaws (6) combine to form the closed press. The play gap (29) between the non-contacting ends (26) of the press inserts (7) lies opposite to the contacting ends (25) of these inserts. The press has jaws which are pivotally connected to each other, each jaw having a press insert. The area of the press where the jaw and insert cooperate has a segment-shaped geometry, the insert being movable relative to the jaw in the peripheral direction of this area. During the compression stage two ends of the inserts come into contact with each other, whilst a play gap remains between the other two ends. Independent claims are also included for (a) a press with pivotally interconnected jaws provided with inserts, the area where the jaw and insert cooperate having a segment-shaped geometry, where the inserts are releasably fixed into position by a ratchet mechanism, (b) a segment-shaped press insert with an inner section having a first curvature and a tongue section having a second curvature, which in the unstressed state projects inwards over the inner section with the first curvature, and (c) a segment-shaped press insert with two holes (18) in its periphery for receiving retaining journals (16, 17).

IPC 1-7  
**B25B 27/10**; **B21D 39/04**

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

CPC (source: EP US)  
**B21D 39/048** (2013.01 - EP US); **B25B 27/10** (2013.01 - EP US); **Y10T 29/5367** (2015.01 - EP US)

Citation (search report)  
• [PA] DE 19924086 A1 20001207 - WEZAG GMBH [DE]  
• [A] DE 19803536 A1 19980917 - KLAUKE GMBH GUSTAV [DE]

Cited by  
EP2000229A1; EP1535677A1; EP2272629A1; EP3488973A1; CN109822506A; US11117247B2; WO2011059303A1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**EP 1208949 A2 20020529**; **EP 1208949 A3 20020717**; **EP 1208949 B1 20090603**; AT E432794 T1 20090615; DE 10107579 A1 20020508; DE 10107579 B4 20120426; DE 50114923 D1 20090716; ES 2324149 T3 20090731; US 2002056308 A1 20020516; US 6772618 B2 20040810

DOCDB simple family (application)  
**EP 01122724 A 20010921**; AT 01122724 T 20010921; DE 10107579 A 20010217; DE 50114923 T 20010921; ES 01122724 T 20010921; US 98140401 A 20011017