

Title (en)  
TOOL HOLDING FIXTURE FOR BENDING BRAKES

Title (de)  
WERKZEUGHALTEVORRICHTUNG FÜR ABKANTBIEGEPRESSEN

Title (fr)  
FIXATION DE PORTE-OUTIL POUR PRESSES A CINTRER

Publication  
**EP 1165264 B1 20030521 (EN)**

Application  
**EP 00926785 A 20000331**

Priority

- EP 0002857 W 20000331
- IT RE990039 A 19990407

Abstract (en)  
[origin: WO0059655A1] Fixture for fixing the tools to the upper and lower toolplate of sheet metal bending brakes, comprising a clamp fixed to the respective toolplate and having a lower channel for receiving the tool shank, which is provided with a groove along its entire length, means for supporting the shank in said channel while leaving it free to slide along the channel, and means for locking the shank in said channel, in one of the opposing walls of the channel there are provided; parallel to the channel axis and in correspondence with the groove in the tool shank, at least two aligned holes into which there is inserted freely slidable a movable body having a dimension greater than the wall thickness; means for maintaining said movable body elastically pressed into said groove in the tool shank; and first means counteracting said elastic means to annul their pressure against said groove.

IPC 1-7  
**B21D 5/02**

IPC 8 full level  
**B21D 5/02** (2006.01)

CPC (source: EP)  
**B21D 5/02** (2013.01); **B21D 5/0209** (2013.01); **B21D 5/0236** (2013.01); **B21D 5/0245** (2013.01)

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

DOCDB simple family (publication)  
**WO 0059655 A1 20001012**; AT E240798 T1 20030615; AU 4541300 A 20001023; DE 60002845 D1 20030626; DE 60002845 T2 20040122; EP 1165264 A1 20020102; EP 1165264 B1 20030521; ES 2195888 T3 20031216; IT 1309745 B1 20020130; IT RE990039 A0 19990407; IT RE990039 A1 20001007

DOCDB simple family (application)  
**EP 0002857 W 20000331**; AT 00926785 T 20000331; AU 4541300 A 20000331; DE 60002845 T 20000331; EP 00926785 A 20000331; ES 00926785 T 20000331; IT RE990039 A 19990407