

Title (en)

Supplementary tool-holding table for compensating the flexure of the upper or lower table of a bending press

Title (de)

Zusätzlicher Werkzeughaltetisch zum Kompensieren der Durchbiegung des oberen oder unteren Werktes einer Abkantpresse

Title (fr)

Tablier porte-outil supplémentaire pour compenser la flexion du tablier supérieur ou inférieur d'une presse plieuse

Publication

EP 1449598 A1 20040825 (EN)

Application

EP 04003238 A 20040213

Priority

IT PR20030012 A 20030218

Abstract (en)

The invention deals with the field of bending presses and more precisely with a supplementary tool-holding table to compensate the flexure of the lower or upper table of the press itself. The supplementary table is adapted to be abutted onto the lower table or the upper table and provides for a bearing base (5) for matrix die or punch tools in the centre of which a circular bar (6) is inserted that is adapted to operate on an abutment sheet (4) resting onto two round bars (3) whose length is equal to the bending press table. The two bars (3) are inserted into a groove (2) of a bearing base (1) adapted to be housed over the bending press lower table. Means (7) are provided for adjusting the distance between the two bars along the bending line. <IMAGE>

IPC 1-7

B21D 5/02; **B30B 15/00**

IPC 8 full level

B21D 5/02 (2006.01); **B30B 15/00** (2006.01)

CPC (source: EP)

B21D 5/0272 (2013.01); **B30B 15/007** (2013.01)

Citation (search report)

- [A] DE 725311 C 19420918 - SONNTAG G M B H R
- [A] US 4586361 A 19860506 - REINHORN ANDREI [US], et al
- [A] US 4589836 A 19860520 - FJELLMAN BO [SE]
- [A] US 4640113 A 19870203 - DIEPERINK WILLEM [CH], et al
- [A] DE 1085487 B 19600721 - SIEMPELKAMP EUGEN
- [A] PATENT ABSTRACTS OF JAPAN vol. 2002, no. 05 3 May 2002 (2002-05-03)

Cited by

CN107116113A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1449598 A1 20040825; IT PR20030012 A1 20040819

DOCDB simple family (application)

EP 04003238 A 20040213; IT PR20030012 A 20030218