

Title (en)
A BRIDGE TYPE PUNCH PRESS

Publication
EP 0100282 B1 19870506 (EN)

Application
EP 83401523 A 19830725

Priority
• US 40144482 A 19820726
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Abstract (en)
[origin: EP0100283A2] A punch press (20) having a worktable (40) for supporting a worksheet (21), a two axis positioning mechanism for positioning the worksheet under a punching head (34) and universal grippers (44, 46) supported on the worksheet positioning mechanism which can grip either the end or sides of a worksheet (21). The two axis positioning mechanism is formed from a carriage (42) which is movable along the worktable (40) and a cross slide (41) which is mounted from and movable across the carriage (42) to provide the two axis sheet positioning. The grippers (44, 46) are mounted from a T-slot (130) formed in the cross slide (41) and can be moved to different positions to accommodate various sheet sizes. Aligning pins (140, 142, 143, 144) which can be used for aligning worksheets are provided. Aligning pins (140, 142, 143, 144) during operation are retracted beneath the worktable (40).

IPC 1-7
B21D 28/26; **B21D 37/14**

IPC 8 full level
B21D 28/26 (2006.01); **B21D 37/14** (2006.01); **B21D 43/10** (2006.01)

CPC (source: EP)
B21D 28/265 (2013.01); **B21D 37/14** (2013.01); **B21D 37/147** (2013.01); **B21D 43/10** (2013.01)

Cited by
CN104162574A; EP0462686A1; US5669866A; EP0164490A3; CN104550423A; CN107186058A

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