

Title (en)

Drawing device in the table of a press.

Title (de)

Zieheinrichtung im Pressentisch einer Presse.

Title (fr)

Dispositif d'étirage dans la table d'une presse.

Publication

EP 0510507 B1 19951206 (DE)

Application

EP 92106511 A 19920415

Priority

DE 4112943 A 19910420

Abstract (en)

[origin: EP0510507A1] In order to select the pressure pins (6) acting on the blank holder (5) in the die lower part (4), there are fastened, between the actual drawing apparatus (8), acting on a pressure cheek (9), and the pressure pins (6), further pressure cylinders (10, 12) in the pressure cheek (9), which pressure cylinders can be driven individually via valves (16) from a pressure line (18, 19). As a result, it is possible to influence in a precise manner both the drawing conditions of different sheet-metal parts and their ejection movement from the die lower part. <IMAGE>

IPC 1-7

B21D 24/08; **B21D 24/14**; **B21D 24/04**

IPC 8 full level

B21D 24/04 (2006.01); **B21D 24/08** (2006.01); **B21D 24/14** (2006.01)

CPC (source: EP US)

B21D 24/04 (2013.01 - EP US); **B21D 24/08** (2013.01 - EP US); **B21D 24/14** (2013.01 - EP US)

Cited by

CN105899307A; EP0692323A3; US5687598A; EP0635320A1; CN101791654A; WO2015044363A1

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DE ES FR GB IT SE

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EP 92106511 A 19920415; DE 4112943 A 19910420; DE 59204539 T 19920415; ES 92106511 T 19920415; US 86822792 A 19920414