

Title (en)

Drawing device in a press for drawing of sheet metal formed parts.

Title (de)

Zieheinrichtung in einer Presse zum Ziehen von Blechformteilen.

Title (fr)

Dispositif pour emboutir des pièces de tôle dans une presse.

Publication

EP 0453955 B1 19940323 (DE)

Application

EP 91106194 A 19910418

Priority

DE 4012828 A 19900423

Abstract (en)

[origin: EP0453955A1] The invention proposes a drawing device in a press for drawing sheet metal formed parts. In order to achieve optimum support of the forces of the blank holder (6), the pressure cheek (8) is regulated in vertically adjustable fashion by a four-point control system which is known per se. In addition, vertically adjustable pins (7) with drives (15) are provided in order to make possible a selective local exertion of force on the blank holder (6). This is controlled or adjusted by means of displacement sensors (16) and force sensors (17). <IMAGE>

IPC 1-7

B21D 24/08

IPC 8 full level

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CPC (source: EP US)

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Cited by

EP0510507A1; US5457980A; US5979211A; EP0835699A3; EP2759355A1; EP3330017A1; US5471861A; US5361615A; EP0565347A3; EP0699899A3; US9808848B2; US10363594B2

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