

Title (en)

POWER PRESS, PARTICULARLY FOR USE IN DRAWING AND DEEP-DRAWING OPERATIONS

Publication

EP 0173184 B1 19881102 (DE)

Application

EP 85110272 A 19850816

Priority

DE 3431162 A 19840824

Abstract (en)

[origin: EP0173184A1] 1. A press, in particular for drawing and deep-drawing operations, with a tool part designed as a ram (1), a tool part designed as a punch (2) and a sheet or blank holder (5) for holding the sheet-metal component to be formed, a plurality of pressure-adjustable intermediate members (7 ; 15 ; 20 ; 24 to 26) being distributed across the surface of the sheet or blank holder between its lower section (55) remote from the tool part to be held and the press frame (11) or bed (6) to support the sheet or blank holder, and with a retaining block (10) against which the ram (1) can rest securely during the pressing process, characterized in that the sheet or blank holder (5) is a solid body against the lower section (55) of which the separate resilient intermediate members (7 ; 15 ; 20 ; 24 to 26) rest with a supporting face, and in that the supporting forces exerted on the sheet or blank holder (5) by each individual intermediate member (7 ; 15 ; 20 ; 24 to 26) are independently adjustable.

IPC 1-7

B21D 24/04; **B21D 24/10**

IPC 8 full level

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CPC (source: EP)

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Cited by

EP0919799A3; DE102005026818B4; EP0971224A3; DE102004030678A1; DE102004030678B4; DE102010037950A1; DE102010037950B4; CN1074950C; GB2240060A; GB2240060B; US5406823A; EP0703018A1

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