

Title (en)

HYDRAULIC DRAWING SYSTEM IN A SINGLE OR DOUBLE WORKING PRESS

Publication

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Application

**EP 90108771 A 19900510**

Priority

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Abstract (en)

[origin: EP0401534A1] The present invention relates to a hydraulic drawing system in the press table of a single- or double-acting press, the drawing ram (7) being mechanically driven and the drawing system being suitable for two different operating modes selectable upon tool change, more specifically for operation with a tool (3) situated in the middle of the drawing station or with two tools arranged in parallel in the direction of material feed, the pressure-plate force being adjustable at each of the four corner points during the descent of the ram. The object of the invention is to simplify the switchover from operation with a central tool (3) to with two tools (3) per drawing station arranged in parallel in the material feed direction. In both operating modes, the counterforce applied during the descent of the ram is applied at each of the four corners of the pressure cheeks (9) via flexible pads. Adaptation to the individual operating modes is effected by connecting up or disconnecting the various pressure cylinders. <IMAGE>

IPC 1-7

**B21D 24/02**; **B21D 24/14**

IPC 8 full level

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CPC (source: EP)

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Cited by

US5241849A; DE112006000206B4; US5255552A; EP0865843A1; US5960665A; CN109127849A; EP0564977A1; US5357844A; US5138857A; US8166791B2; EP0402800B1

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