

Title (en)

Deep drawing press

Title (de)

Tiefziehpresse

Title (fr)

Presse d'emboutissage profond

Publication

**EP 1317973 A3 20041006 (DE)**

Application

**EP 02027116 A 20021204**

Priority

DE 10160410 A 20011210

Abstract (en)

[origin: EP1317973A2] The deep-drawing press has a holder (2) for the workpiece sheet at the press side with sheet holder segments (13,14) at the end sides, which are inserted flush with the surface. They slide horizontally along a common axis, with their facing sides set to the contour of the replaced tool. The holder (8) for the workpiece sheet at the tool side is fitted to the workpiece holder segments in an exchange mounting, and is supported outside the segments. An intermediate force transfer unit is between the ram (1) and the upper tool, with a center pressure section (17) fixed to the ram and two pressure sections (18,19) which slide in the same direction with the sheet holder segments, set to the contour of the upper tool.

IPC 1-7

**B21D 22/22**

IPC 8 full level

**B21D 22/22** (2006.01)

CPC (source: EP)

**B21D 22/22** (2013.01)

Citation (search report)

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- [A] WO 9624449 A1 19960815 - HECRALMAT [LI], et al
- [A] DE 19901019 A1 20000720 - NIRO PLAN AG ZUG [CH]
- [A] EP 0835699 A2 19980415 - DIEFFENBACHER GMBH MASCHF [DE]

Cited by

DE102008012230A1; CN114714064A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)

**EP 1317973 A2 20030611; EP 1317973 A3 20041006**; DE 10160410 A1 20030618

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