

Title (en)

Drive system for the jaws of forming presses

Title (de)

Getriebevorrichtung der Klemmbacken in Umformpressen

Title (fr)

Système d'entraînement des mâchoires de serrage dans des presses de déformation

Publication

**EP 0934782 A3 20030108 (EN)**

Application

**EP 98124307 A 19981221**

Priority

IT MI980155 A 19980128

Abstract (en)

[origin: EP0934782A2] A drive system for the jaws of forming presses comprising series of pairs of opposed tools, punches (10) and dies (40), shaped according to the forming to be carried out, the punches (10) being clamped, by means of cylindrical actuators (101), to intermediaries (5), in turn clamped to an upper movable table (1) of the press, and the dies (40) being clamped, by means of cylindrical actuators (102), to a supporting bar (41); the cylindrical actuators (101, 102) are controlled during clamping by respective spring means (18, 54) and are hydraulically unclamped through the pressure of oil coming from special ducts made in the respective rear plates (22, 25). <IMAGE>

IPC 1-7

**B21D 5/02**

IPC 8 full level

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CPC (source: EP)

**B21D 5/0209** (2013.01); **B21D 5/0236** (2013.01)

Citation (search report)

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**EP 0934782 A2 19990811**; **EP 0934782 A3 20030108**; IT 1298501 B1 20000112; IT MI980155 A1 19990728

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