

Title (en)

Turret punch press

Title (de)

Revolverstanzmaschine

Title (fr)

Poinçonneuse à tourelle revolver

Publication

**EP 0555604 B1 19960424 (EN)**

Application

**EP 92403431 A 19921216**

Priority

- US 80758691 A 19911216
- US 83886792 A 19920221

Abstract (en)

[origin: EP0555604A2] A turret punch press wherein the upper and lower turrets are rotated, and the upper die positioned in the processing position is struck by a piston rod (striker element) of a striker device mounted on the lower end of a ram when the ram is lowered by means of a crank shaft (mechanical vertically moving means). The piston rod can be freely moved vertically by a hydraulic cylinder so that the amount of the stroke of the striker element with respect to the upper die is the sum of the amount of the stroke of the ram and the amount of the stroke of the piston rod in the hydraulic cylinder itself. Accordingly, the upper die and the lower die come into contact and the processing occurs only when the ram and the piston rod are both at bottom dead center. <IMAGE>

IPC 1-7

**B21D 28/12**

IPC 8 full level

**B21D 28/02** (2006.01); **B21D 28/12** (2006.01)

CPC (source: EP)

**B21D 28/02** (2013.01); **B21D 28/12** (2013.01)

Cited by

CN114951072A; CN115555453A; CN112808915A; US8499668B2; WO9624445A1; WO9624447A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**EP 0555604 A2 19930818; EP 0555604 A3 19931222; EP 0555604 B1 19960424**; CA 2085545 A1 19930617; DE 69210210 D1 19960530; DE 69210210 T2 19961031; DE 69231504 D1 20001116; DE 69231504 T2 20010510; EP 0694347 A1 19960131; EP 0694347 B1 20001011; FI 106187 B 20001215; FI 112452 B 20031215; FI 20001969 A 20000906; FI 925689 A0 19921215; FI 925689 A 19930617

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