

Title (en)
PUNCH PRESS WITH A TOOL MAGAZINE

Publication
EP 0164490 A3 19870819 (DE)

Application
EP 85101396 A 19850209

Priority
DE 3422250 A 19840615

Abstract (en)
[origin: US4646600A] In a cutting press for working plate-shaped workpieces the workpiece is held motor movable normal this direction, the tool is arranged in a lying position in a U-shaped tool receptacle which is movable, and a stationarily arranged drive system is in operative connection with the tool receptacle via a coupling device.

IPC 1-7
B21D 37/14; **B21D 28/12**

IPC 8 full level
B21D 28/12 (2006.01); **B21D 28/26** (2006.01); **B21D 37/14** (2006.01)

CPC (source: EP US)
B21D 28/12 (2013.01 - EP US); **B21D 28/265** (2013.01 - EP US); **B21D 37/145** (2013.01 - EP US); **B21D 37/147** (2013.01 - EP US); **Y10T 83/215** (2015.04 - EP US); **Y10T 83/8727** (2015.04 - EP US); **Y10T 83/8743** (2015.04 - EP US); **Y10T 83/8748** (2015.04 - EP US); **Y10T 83/9476** (2015.04 - EP US); **Y10T 483/1731** (2015.01 - EP US)

Citation (search report)

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- [A] DE 1198776 B 19650819 - SCHULER L AG
- [A] EP 0100282 A1 19840208 - BENDIX AUTOMATION [US]
- [A] DD 150561 A1 19810909 - CZECH ROLAND, et al
- [A] EP 0062309 A2 19821013 - SROUBARNA KYJOV NP [CS]

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CN105396944A

Designated contracting state (EPC)
AT CH DE FR GB IT LI SE

DOCDB simple family (publication)
EP 0164490 A2 19851218; **EP 0164490 A3 19870819**; **EP 0164490 B1 19890111**; AT E39862 T1 19890115; DE 3422250 A1 19851219; DE 3422250 C2 19870820; DE 3567389 D1 19890216; US 4646600 A 19870303

DOCDB simple family (application)
EP 85101396 A 19850209; AT 85101396 T 19850209; DE 3422250 A 19840615; DE 3567389 T 19850209; US 74500185 A 19850613