

Title (en)
Punch press, in particular high-speed press

Title (de)
Stanzpresse, insbesondere Schnellläuferpresse

Title (fr)
Presse à estamper, en particulier presse rapide

Publication
EP 0953438 B1 20050302 (DE)

Application
EP 98107893 A 19980430

Priority
EP 98107893 A 19980430

Abstract (en)
[origin: EP0953438A1] The press comprises several stamps (3) which are connected to a rotating shaft (5) via connecting rods (2,2a). The stamps have guides located in the region of cup and ball connectors which lead to the connecting rods. The guide units ensure that eccentric loads from the shaft are corrected before the upper stamps cut through to the lower stamp sections.

IPC 1-7
B30B 15/04; **B30B 1/26**

IPC 8 full level
B21D 28/20 (2006.01); **B30B 1/26** (2006.01); **B30B 15/02** (2006.01); **B30B 15/04** (2006.01)

CPC (source: EP US)
B30B 1/26 (2013.01 - EP US); **B30B 15/041** (2013.01 - EP US); **Y10T 83/8874** (2015.04 - EP US); **Y10T 83/8876** (2015.04 - EP US); **Y10T 83/8878** (2015.04 - EP US)

Cited by
DE102017118069A1; DE10300722B3; CN106926509A; EP1582337A1; EP4344840A1; US8739595B2; US7281462B2

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

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EP 98107893 A 19980430; DE 59812614 T 19980430; JP 8531299 A 19990329; SG 1999001131 A 19990316; US 26270299 A 19990304