

Title (en)
Punch for rotary press

Title (de)
Stempel für Rundlaufpresse

Title (fr)
Poinçon pour presse à table rotative

Publication
EP 1153735 A3 20020807 (DE)

Application
EP 00126657 A 20001205

Priority
DE 10024340 A 20000511

Abstract (en)
[origin: EP1153735A2] The ram insert sits in an end bore of a ram holder through a conical attachment (20) guided helical in the bore between axially spaced stops and pretensioned by a spring (30) towards the end face of the ram holder (10). A threaded spindle (22) connected rotationally secured to the free end of the attachment interacts with a spindle nut (24) in the bore.

IPC 1-7
B30B 15/06; **B30B 11/08**

IPC 8 full level
B30B 11/08 (2006.01); **B30B 15/06** (2006.01)

CPC (source: EP US)
B30B 15/065 (2013.01 - EP US)

Citation (search report)
• [A] US 3677672 A 19720718 - HARRINGTON JERRY E
• [A] DE 347438 C 19220120 - FRITZ KILIAN
• [AD] US 5116214 A 19920526 - KORSCH WOLFGANG [DE], et al
• [AD] DE 8816064 U1 19890223
• [PA] DE 19854075 A1 20000525 - HENKEL KGAA [DE]

Cited by
DE102019104676A1; CN108000929A

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1153735 A2 20011114; **EP 1153735 A3 20020807**; **EP 1153735 B1 20050622**; DE 10024340 A1 20011129; DE 10024340 C2 20020912; DE 50010604 D1 20050728; JP 2001321995 A 20011120; US 2001041198 A1 20011115; US 6749416 B2 20040615

DOCDB simple family (application)
EP 00126657 A 20001205; DE 10024340 A 20000511; DE 50010604 T 20001205; JP 2001014227 A 20010123; US 76417901 A 20010117