

Title (en)
Punch for a rotary press

Title (de)
Stempel für eine Rundläuferpresse

Title (fr)
Poinçon pour une presse rotative

Publication
EP 2111972 A3 20111005 (DE)

Application
EP 09004314 A 20090326

Priority
DE 102008020748 A 20080423

Abstract (en)
[origin: EP2111972A2] The stamp (10) has a shank and a head, where the head has a reflector surface, a cylinder surface and a rounded transient area between reflector surface and cylinder surface with two radiuses. The former radius is larger than the latter radius and the stamp head has a conical transient area from the cylinder surface to the shank. The diameter of the head (14) is smaller than twenty five millimeter and the former radius of the transient area is selected in such manner that its height is smaller than the half height of the cylinder surface.

IPC 8 full level
B30B 11/08 (2006.01); **B30B 15/00** (2006.01); **B30B 15/06** (2006.01)

CPC (source: EP US)
B30B 11/08 (2013.01 - EP US); **B30B 15/0076** (2013.01 - EP US); **B30B 15/065** (2013.01 - EP US)

Citation (search report)

- [X] US 2004056375 A1 20040325 - BUBB GARY [US]
- [A] JP H0584277 A 19930406 - KIKUSUI SEISAKUSHO LTD

Cited by
DE102016113724A1; DE102016113724B4; WO2024134331A1; EP2269813A3; DE202022107077U1; WO2022188965A1; EP3275639A1; US10343363B2; EP2269813B1

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
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DOCDB simple family (application)
EP 09004314 A 20090326; DE 102008020748 A 20080423; US 41739209 A 20090402