

Title (en)

Tool arrangement for manufacturing annular pressed articles with a rotary press

Title (de)

Werkzeuganordnung zur Herstellung von ringförmigen Presslingen mit Hilfe einer Rundläuferpresse

Title (fr)

Agencement d'outillage pour la fabrication d'articles pressés avec une presse rotative

Publication

EP 1060873 B1 20050629 (DE)

Application

EP 00111465 A 20000527

Priority

DE 19926934 A 19990614

Abstract (en)

[origin: EP1060873A2] The rotary stamping machine has a matrix plate (10) with a rotary drive and matrix holes to fix in matrix inserts revolving with upper punches and bottom rams that have an open drilled hole towards an operating end. A center pin is fixed axially by a cross pin (34) stretched through an axial slot in a bottom ram (14) and fastened in a ring (36) that forms part of a guide hole for the bottom ram.

IPC 1-7

B30B 11/08; **B30B 15/06**

IPC 8 full level

B30B 11/02 (2006.01); **B30B 11/00** (2006.01); **B30B 11/08** (2006.01); **B30B 15/06** (2006.01)

CPC (source: EP US)

B30B 11/08 (2013.01 - EP US); **B30B 15/0082** (2013.01 - EP US); **B30B 15/065** (2013.01 - EP US)

Cited by

EP3521015B1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1060873 A2 20001220; **EP 1060873 A3 20010110**; **EP 1060873 B1 20050629**; AT E298663 T1 20050715; DE 19926934 A1 20010104; DE 19926934 C2 20020801; DE 50010621 D1 20050804; JP 2001047293 A 20010220; JP 3885164 B2 20070221; US 6361306 B1 20020326

DOCDB simple family (application)

EP 00111465 A 20000527; AT 00111465 T 20000527; DE 19926934 A 19990614; DE 50010621 T 20000527; JP 2000174963 A 20000612; US 58844900 A 20000606