

Title (en)
Rotative forming machine

Title (de)
Rotationsumformmaschine

Title (fr)
Machine de formage rotatif

Publication
EP 0976471 A3 20030416 (DE)

Application
EP 99113299 A 19990709

Priority
DE 19832897 A 19980722

Abstract (en)
[origin: EP0976471A2] The rotary punch has a drive unit and a feed unit for the workpiece transport. The drive and feed units work with a non-constant speed ratio. The drive unit drives the roller type part tools with synchronizing revolutions per minute. The drive unit drives the tool with constant or non-constant revolutions per minute.

IPC 1-7
B21D 28/36; B26F 1/10; B21D 22/08

IPC 8 full level
B21D 28/12 (2006.01)

CPC (source: EP)
B21D 28/12 (2013.01)

Citation (search report)
• [X] DE 1962104 A1 19710616 - HUBBUCH HEINZ DIPL ING
• [X] EP 0765718 A2 19970402 - MAX CO LTD [JP]
• [DA] US 5040397 A 19910820 - BODNAR ERNEST R [CA]

Cited by
CN109043757A; WO03035300A1

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)
DE 19832897 A1 20000127; **DE 19832897 B4 20120126**; EP 0976471 A2 20000202; EP 0976471 A3 20030416

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