

Title (en)
PUNCHING TOOL, IN PARTICULAR FOR PUNCHING SHEET METAL

Title (de)
STANZWERKZEUG IM BESONDEREN ZUM STANZEN VON METALLFOLIEN

Title (fr)
OUTIL DE POIN ONNAGE, DESTINE NOTAMMENT AU POIN ONNAGE DE TOLES

Publication
EP 0912326 A1 19990506 (FR)

Application
EP 97932852 A 19970707

Priority
• FR 9701228 W 19970707
• FR 9608640 A 19960705

Abstract (en)
[origin: WO9801288A1] This punching tool comprises a punch head (2), at least one punch (6) mounted in a punch holder (4), a die (8) and a structure (10) bearing these elements having a global U shape, also called swan-neck. The punch head (2) and the punch holder (4) are located at the free end of one U branch (12), facing the die (8) located at the free end of the other U branch (14). The bearing structure (10) is a tubular structure, mounted pivoting, about an axis (34) substantially perpendicular to the U branches, on a support (36).

IPC 1-7
B30B 15/00

IPC 8 full level
B21D 28/00 (2006.01); **B30B 15/00** (2006.01); **B30B 15/04** (2006.01)

CPC (source: EP)
B21D 28/00 (2013.01); **B30B 15/0058** (2013.01); **B30B 15/047** (2013.01)

Citation (search report)
See references of WO 9801288A1

Designated contracting state (EPC)
AT BE CH DE ES FI FR GB IT LI NL SE

DOCDB simple family (publication)
WO 9801288 A1 19980115; EP 0912326 A1 19990506; FR 2750627 A1 19980109; FR 2750627 B1 19990129

DOCDB simple family (application)
FR 9701228 W 19970707; EP 97932852 A 19970707; FR 9608640 A 19960705