

Title (en)
Spindle for an extractor

Title (de)
Druckspindel für einen Abzieher

Title (fr)
Broche pour un dispositif d'extraction

Publication
EP 1281482 A3 20050323 (DE)

Application
EP 02015124 A 20020706

Priority
DE 10135669 A 20010721

Abstract (en)
[origin: EP1281482A2] The pressing spindle has an external thread to screw into an internal thread of the extractor tool. One end of the spindle (3) carries a pressure piece (6) in the form of a centering tip (8, 9). The other end has a turning grip sector, which may be e.g. hexagonal so that a spanner can be used on it. The pressure piece is changeable.

IPC 1-7
B25B 27/02

IPC 8 full level
B25B 27/02 (2006.01); **B25B 27/073** (2006.01)

CPC (source: EP)
B25B 27/023 (2013.01)

Citation (search report)

- [XY] EP 0393392 A1 19901024 - KLANN HORST [DE]
- [Y] US 5533429 A 19960709 - KOZAK BURTON [US]
- [Y] GB 442472 A 19360210 - ADOLF HOLLAND LETZ
- [X] US 4989312 A 19910205 - MADDALENA KRIS L [US]
- [X] GB 439214 A 19351202 - ALBERT SCHREM
- [X] US 1891869 A 19321220 - ALLEN COX
- [X] US 4210990 A 19800708 - KRIEGER RAYMOND L [US]
- [X] US 1640904 A 19270830 - NOBLE RONALD B
- [X] US 3309764 A 19670321 - KLATT JR HENRY G

Cited by
FR2876939A1

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

DOCDB simple family (publication)
EP 1281482 A2 20030205; EP 1281482 A3 20050323; DE 10135669 A1 20030206; DE 10135669 B4 20050407

DOCDB simple family (application)
EP 02015124 A 20020706; DE 10135669 A 20010721