

Title (en)

Tool for the extraction of a tubular element, retained by a deformable peripheral ring in a complementary housing, and utilisation of such a tool

Title (de)

Werkzeug zum Entfernen eines in einem Gehäuse mittels eines verformbaren, umlaufenden Ringes gehaltenen, rohrförmigen Organs und Verwendung dieses Werkzeugs

Title (fr)

Outil d'extraction d'un organe tubulaire retenu dans un logement complémentaire par un jonc périphérique déformable et utilisation d'un tel outil

Publication

**EP 1666208 A1 20060607 (FR)**

Application

**EP 05356212 A 20051205**

Priority

FR 0412946 A 20041206

Abstract (en)

The tool has a gripping body (12) and branches (14) for clamping a deformable snap ring (4). Each branch has a surface (16) to support and guide a piston head (2A) to be extracted. The branches, during the tool's use, release axially the head from its housing by radial deformation towards the interior of the ring. The branches guide the head in sliding motion along the surfaces when the head is drawn axially outwards from the housing. An independent claim is also included for a use of a tool for extracting a tubular unit e.g. piston head, retained in a complementary housing by a deformable peripheral snap ring.

IPC 8 full level

**B25B 27/00** (2006.01); **B25B 27/12** (2006.01)

CPC (source: EP)

**B25B 27/00** (2013.01); **B25B 27/0028** (2013.01); **B25B 27/28** (2013.01)

Citation (applicant)

- US 1593220 A 19260720 - PHELPS HENRY C
- US 2697870 A 19541228 - ZUCKER GOTTLIEB F
- US 5685052 A 19971111 - MEYERS KURT EDWARD [US], et al

Citation (search report)

- [X] US 5685052 A 19971111 - MEYERS KURT EDWARD [US], et al
- [XA] US 2697870 A 19541228 - ZUCKER GOTTLIEB F
- [A] US 1593220 A 19260720 - PHELPS HENRY C
- [A] US 1366857 A 19210125 - WALTER ZETZMAN
- [A] DE 19649622 A1 19980604 - IAV MOTOR GMBH [DE]
- [A] US 1572801 A 19260209 - CECIL KEARNEY PAUL

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1666208 A1 20060607**; FR 2878775 A1 20060609; FR 2878775 B1 20080516

DOCDB simple family (application)

**EP 05356212 A 20051205**; FR 0412946 A 20041206