

Title (en)  
CHUCK FOR RECEIVING TOOLS OPERATED BY ROTATING AROUND THE AXIS THEREOF

Title (de)  
FUTTER ZUR AUFNAHME VON DURCH DREHEN UM IHRE ACHSE VERWENDBARE WERKZEUGE

Title (fr)  
MANDRIN POUR LA RECEPTION D'OUTILS UTILISABLES PAR ROTATION AUTOUR DE LEUR AXE

Publication  
**EP 1513653 B1 20120919 (DE)**

Application  
**EP 03730006 A 20030512**

Priority  
• DE 10225505 A 20020610  
• DE 10254339 A 20021121  
• EP 0304920 W 20030512

Abstract (en)  
[origin: WO03103901A2] The invention relates to a chuck for receiving tools (1) that are operated by rotating around the axis thereof, particularly screwdriver bits, comprising an insertion section (3) which is provided with a seat cavity (2) having a non-circular cross-sectional area (3). The tool can be locked in said seat cavity (2) by means of a holding element (4) which is assigned to the cavity wall in order to prevent the tool from being withdrawn from the seat cavity (2). The holding element (4) can be deactivated by displacing an actuating member, particularly in the form of an actuating sleeve (5). The tool (1) rests backwards against the seat cavity (2). According to the invention, the tool (1) can be displaced from the resting position in the direction of the opening of the seat cavity (2) by actuating the actuating sleeve (5). In order to facilitate removal of the bit, the inventive chuck also comprises means (15, 16, 17) for releasing the face (1') of the bit and a magnet (9) which retains the bit in the cavity from the resting position.

IPC 8 full level  
**B25B 21/00** (2006.01); **B25B 23/00** (2006.01); **B25B 15/00** (2006.01)

CPC (source: EP US)  
**B25B 23/0035** (2013.01 - EP US); **B25B 23/12** (2013.01 - EP US); **Y10S 279/905** (2013.01 - EP US); **Y10T 279/17752** (2015.01 - EP US); **Y10T 279/3406** (2015.01 - EP US)

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

DOCDB simple family (publication)  
**WO 03103901 A2 20031218**; **WO 03103901 A3 20040422**; **WO 03103901 A8 20050224**; AU 2003240620 A1 20031222;  
EP 1513653 A2 20050316; EP 1513653 B1 20120919; JP 2005528991 A 20050929; JP 4238211 B2 20090318; US 2006097464 A1 20060511;  
US 7469909 B2 20081230

DOCDB simple family (application)  
**EP 0304920 W 20030512**; AU 2003240620 A 20030512; EP 03730006 A 20030512; JP 2004511008 A 20030512; US 51521205 A 20050719