

Title (en)

Connection means for an electrically operated screwdriver

Title (de)

Verbindungsvorrichtung für einen elektrisch angetriebenen Schraubenzieher

Title (fr)

Dispositif de connexion pour tournevis électrique

Publication

**EP 1321238 A3 20051116 (DE)**

Application

**EP 02016457 A 20020723**

Priority

DE 20119945 U 20011208

Abstract (en)

[origin: EP1321238A2] The chucks of the electrically driven screw driver comprise a socket device (30) with a polygonal opening (31) at the lower end for the insertion of the tool (70, 71) and a plug segment (32) at the opposite end for being joined to the housing, axially movable accommodated in a sleeve (40). For tool exchange the sleeve (40) is pushed against the forces of a spring (50) towards the housing, facilitating easy access to the bit (70, 71), which is additionally surrounded by a ring-shaped magnet (42) in order to hold the screw during the process of tightening or loosening.

IPC 1-7

**B25B 23/00**; **B25B 23/12**

IPC 8 full level

**B25B 15/00** (2006.01); **B25B 23/00** (2006.01)

CPC (source: EP)

**B25B 15/001** (2013.01); **B25B 23/0035** (2013.01); **B25B 23/12** (2013.01)

Citation (search report)

- [X] DE 29905017 U1 19990602 - WANG PETER [TW]
- [X] DE 4243650 A1 19940630 - SCHMIDT ULRICH USH SCHRAUBWERK [DE]
- [Y] DE 29822074 U1 19990204 - CHIANG SHU CHI [TW]
- [Y] EP 1027959 A2 20000816 - MAKITA CORP [JP]
- [A] DE 1731497 U 19561004 - SCHMIDT HARALD [DE]

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 1321238 A2 20030625**; **EP 1321238 A3 20051116**

DOCDB simple family (application)

**EP 02016457 A 20020723**