

Title (en)
Screw driving device for screwdriver bits

Title (de)
Schraubvorrichtung für Schraubendreher-Einsätze

Title (fr)
Dispositif à visser pour des embouts de tournevis

Publication
EP 1260319 B1 20071219 (DE)

Application
EP 02010975 A 20020516

Priority
• DE 10125218 A 20010517
• DE 10148943 A 20011002

Abstract (en)
[origin: EP1260319A2] The screwdriver to turn a screw (4) through a drive shaft (2), of a power tool, has an inner sleeve (1) fitted to the drive shaft to take a screwdriver attachment (3) with an outer sleeve (6) around it with a restricted axial movement. It has a permanent magnet (7) at its leading side, with a passage opening (7a) through it extending from a profile tip (3a) of the attachment. A screw placed on the profile tip is held in place by the permanent magnet and, at the same time, the screw head (4a) is secured with the full extent of the profile tip into the inner screw head profile, and the outer sleeve is moved by the permanent magnet to bring the end surface (7b) against the surface of the screw head.

IPC 8 full level
B25B 23/00 (2006.01); **B25B 23/12** (2006.01)

CPC (source: EP)
B25B 15/001 (2013.01); **B25B 23/0035** (2013.01); **B25B 23/12** (2013.01)

Cited by
CN105563408A; EP1508406A3; DE102005017872A1; EP1637285A4; DE202018003837U1; WO2005017368A3; WO2006111447A1; US9802300B2; US10315295B2; US7261023B2; DE102011000710A1; WO2012110453A1

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

DOCDB simple family (publication)
EP 1260319 A2 20021127; EP 1260319 A3 20050223; EP 1260319 B1 20071219; AT E381414 T1 20080115; DE 50211385 D1 20080131; ES 2298307 T3 20080516

DOCDB simple family (application)
EP 02010975 A 20020516; AT 02010975 T 20020516; DE 50211385 T 20020516; ES 02010975 T 20020516