Title (en)

Power driven screwdriver

Title (de)

Kraftgetriebener Schrauber

Title (fr)

Tournevis motorisé

Publication

EP 0990489 A3 20000510 (DE)

Application

EP 99115725 A 19990810

Priority

DE 19845024 A 19980930

Abstract (en)

[origin: EP0990489A2] The screw driver includes first entrainment elements (42) on a drive wheel (40) interacting with the second entrainment elements (47) on the cam ring (45) for force-locking transfer. A setting device (20) allows axial displacement of the tool drive shaft so that in a first position the two entrainment elements are positively locked and in a second position they disengage whilst the coupling elements (41, 46) provided on the drive wheel and cam ring come into engagement. The coupling elements and entrainment elements can be mounted on facing sides of the drive wheel

IPC 1-7 (main, further and additional classification)

B25B 23/14; B25B 21/00

IPC 8 full level (invention and additional information)

B25B 21/00 (2006.01); **B25B 23/14** (2006.01); **B25B 23/157** (2006.01); **F16D 7/04** (2006.01)

CPC (invention and additional information)

B25B 23/141 (2013.01); **B25B 21/00** (2013.01)

Citation (search report)

- [A] EP 0437060 A2 19910717 - BLACK & DECKER INC [US]
- [A] US 5174424 A 19921229 - ERIKSSON ALF [SE]
- [A] DE 3918791 A1 19900705 - TIC AG [CH]
- [A] DE 2427713 A1 19750102 - BLACK & DECKER MFG CO

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family

EP 0990489 A2 20000405; EP 0990489 A3 20000510; EP 0990489 B1 20020403; AT 215426 T 20020415; DE 19845024 A1 20000413; DE 19845024 C2 20000803; ES 2175881 T3 20021116; JP 2000108045 A 20000418; JP 3451040 B2 20030929; US 6173792 B1 20010116