

Title (en)  
Fastening tool

Title (de)  
Schraubgerät

Title (fr)  
Outil de vissage

Publication  
**EP 0988936 B1 20020102 (DE)**

Application  
**EP 99810700 A 19990805**

Priority  
DE 19844064 A 19980925

Abstract (en)  
[origin: EP0988936A2] The screw driver has a housing (1), drive motor, an axially staggered spindle (8) joined to the motor by a motor-driven torque-coupling (3) in two parts (4,6) between which is a rotarily and axially movably mounted intermediate coupling part (5). Cams (41,51) possessing flank surfaces between the intermediate and first coupling parts and claws (52,62) between the facing end sides of the second and intermediate coupling parts interlock the second and intermediate coupling parts. The housing has an adjustable bit-stop (2). The extent of the cams is greater than that of the claws. A spring element (15) is positioned between the second and intermediate coupling parts and holds the intermediate coupling part axially spaced apart from the two coupling parts and presses it against a spindle thrust piece (81).

IPC 1-7  
**B25B 23/14**; **B25B 21/00**

IPC 8 full level  
**B25B 21/00** (2006.01); **B25B 23/14** (2006.01); **B25B 23/151** (2006.01); **B25B 23/157** (2006.01)

CPC (source: EP US)  
**B25B 23/0064** (2013.01 - EP US); **B25B 23/141** (2013.01 - EP US)

Cited by  
US7658239B2; US7469753B2

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