

Title (en)

DEVICE FOR A SCREW FASTENING TOOL

Publication

EP 0401548 B1 19930811 (DE)

Application

EP 90108986 A 19900512

Priority

DE 3918227 A 19890603

Abstract (en)

[origin: EP0401548A1] In order to improve a power-driven screw-fastening tool having a drive (12) arranged in a housing (10), a screwing tool (34) and a screw-in depth cutoff, comprising a depth stop (68), which determines a screw-in depth and is held on the housing, and a coupling (22), which is arranged between the drive and the tool drive shaft (24) and can be changed, by axial displacement of the tool drive shaft, from a rest position in the direction of the drive to a working position, and which has a coupling element (104) driven by the drive and a coupling element (100) connected to the tool drive shaft, and also an intermediate coupling element (102) arranged between this coupling element, the intermediate coupling element forming, with a first of the coupling elements, a driving coupling and a releasing coupling, in such a way that said screw-fastening tool has, in addition to a screw-in depth cutoff, also has a screw-in torque cutoff, it is proposed that the screw-in depth cutoff can be switched over into a screw-in torque cutoff incorporating the releasing coupling as torque-limiting element. <IMAGE>

IPC 1-7

B25B 21/00; B25B 23/14

IPC 8 full level

B25B 21/00 (2006.01); **B25B 23/00** (2006.01); **B25B 23/14** (2006.01); **B25B 23/145** (2006.01); **B25B 23/147** (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

US5601387A

Designated contracting state (EPC)

CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0401548 A1 19901212; EP 0401548 B1 19930811; DE 3918227 C1 19901115; DE 59002271 D1 19930916; JP H0386482 A 19910411; JP H085016 B2 19960124; US 5094133 A 19920310

DOCDB simple family (application)

EP 90108986 A 19900512; DE 3918227 A 19890603; DE 59002271 T 19900512; JP 14176790 A 19900601; US 52915390 A 19900525