

Title (en)

Portable power tool.

Title (de)

Tragbare Werkzeugmaschine.

Title (fr)

Machine-outil portative.

Publication

EP 0521259 B1 19940727 (DE)

Application

EP 92107613 A 19920506

Priority

- DE 4122320 A 19910705
- DE 4134072 A 19911015
- DE 4134887 A 19911023

Abstract (en)

[origin: EP0521259A1] To drive a tool (12), a portable power tool has a hollow spindle (14) to which the tool (12) can be fastened between two flanges (16, 18). The outer flange (16) is formed on the end of a clamping bolt (22) which is inserted through a central opening (17) of the tool (12) and projects with its other end from the housing (42). The clamping bolt (22) can be secured to this end by means of a locking element (20) in such a way as to locked against rotation. A clamping device (24) is provided for actuation. The clamping device (24) can be moved against the force of spring elements (26) between a clamping position in which the locking element (20) is acted upon in the axial direction for clamping the tool (12) and a release position in which the tool is relieved for the manual change-over. The spring elements (26) are arranged between an axial fixed stop (28) and an axially displaceable stop. <IMAGE>

IPC 1-7

B24B 45/00

IPC 8 full level

B24B 23/02 (2006.01); **B24B 45/00** (2006.01); **B25F 3/00** (2006.01)

CPC (source: EP US)

B24B 45/006 (2013.01 - EP US); **B25F 3/00** (2013.01 - EP US)

Cited by

DE202011110131U1; DE102005047402A1; DE102005047402B4; US7537065B2; WO2012089640A1; US9486909B2; US10818450B2

Designated contracting state (EPC)

BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

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EP 92107613 A 19920506; DE 59200319 T 19920506; ES 92107613 T 19920506; JP 19740692 A 19920702; US 90674392 A 19920630