

Title (en)

Tool and tool holder for hand-held machine tools

Title (de)

Werkzeug und Werkzeugaufnahme für Handwerkzeuggeräte

Title (fr)

Outil et porte-outil pour machines-outils portatives

Publication

EP 0662370 B1 19980513 (DE)

Application

EP 94810646 A 19941110

Priority

DE 4341969 A 19931209

Abstract (en)

[origin: EP0662370A1] The tool has at least one axial open longitudinal groove (4,9) on the free end of its fastening shaft (1,6). The longitudinal groove and a locking groove (3,8) have shoulder faces (3a,8a) at each end of the shaft which overlap. At least one further axially continuous locking groove (5,10) and a rotary carrying groove (2,7) are provided which also have overlapping shoulder faces (5a,10a) at each end of the shaft.

IPC 1-7

B25D 17/08; **B23B 31/00**

IPC 8 full level

B23B 31/00 (2006.01); **B23B 31/02** (2006.01); **B23B 31/107** (2006.01); **B23B 31/22** (2006.01); **B23B 45/16** (2006.01); **B23B 51/00** (2006.01); **B25D 17/08** (2006.01)

CPC (source: EP US)

B25D 17/088 (2013.01 - EP US); **B25D 2217/0034** (2013.01 - EP US); **Y10T 279/17042** (2015.01 - EP US); **Y10T 408/907** (2015.01 - EP US); **Y10T 408/953** (2015.01 - EP US)

Designated contracting state (EPC)

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DOCDB simple family (application)

DE 4341969 A 19931209; CN 94112911 A 19941208; DE 59405955 T 19941110; DK 94810646 T 19941110; EP 94810646 A 19941110; HU 9403507 A 19941207; JP 30643594 A 19941209; US 35357494 A 19941209