

Title (en)

Tool and chuck for a portable tool

Title (de)

Werkzeug und Werkzeugaufnahme für Handwerkzeuggeräte

Title (fr)

Outil et mandrin pour outil portatif

Publication

EP 0579580 B1 19960522 (DE)

Application

EP 93810491 A 19930708

Priority

DE 4222743 A 19920710

Abstract (en)

[origin: EP0579580A1] The open ended grooves (3) are diametrically opposite and cut axially with radial sides (3a). The grooves taper lengthwise from the widest at the open end to the narrowest at the closed end and the sides are inclined at an angle (a), with the middle axis (m) on either side of it. There are also two axial stop grooves (2) diametrically opposite and at right angles to the open ended grooves, and a locking pin is inserted through holes (6) in the machine chuck against one or other of these grooves to lock the shaft in position. Raised ribs (5) are formed on the inner face of the chuck exactly matching the grooves (3) in the shaft, and these fit together to form a drive key.

IPC 1-7

B25D 17/08

IPC 8 full level

B23B 45/16 (2006.01); **B25D 17/08** (2006.01)

CPC (source: EP)

B25D 17/088 (2013.01); **B25D 2217/0034** (2013.01)

Cited by

EP2537611A4

Designated contracting state (EPC)

CH DE DK FR GB LI NL

DOCDB simple family (publication)

EP 0579580 A1 19940119; **EP 0579580 B1 19960522**; DE 4222743 A1 19940113; DE 59302662 D1 19960627; DK 0579580 T3 19961007

DOCDB simple family (application)

EP 93810491 A 19930708; DE 4222743 A 19920710; DE 59302662 T 19930708; DK 93810491 T 19930708