

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 0579579 B1 19960828 (DE)

Application

EP 93810490 A 19930708

Priority

- DE 4223219 A 19920715
- DE 4242452 A 19921216

Abstract (en)

[origin: EP0579579A1] The shank (9) of the drill or chisel has two diametrically opposite driving slots (10) with an open end and two diametrically opposite locking slots (11) with both ends closed. To raise the level of torque that can be transmitted to the tool, there are also two diametrically opposite extension slots (12) which lie within the cross-section of the locking slots and extend beyond them. The extension slots are open at the free end of the shank and are engaged by driving keys in the spindle socket. The extension slots are offset by an angle (a) from the axis of symmetry of the locking slots, and the driving flank (12a) is straight and tangential to the curved floor of the locking slot.

IPC 1-7

B25D 17/08

IPC 8 full level

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CPC (source: EP KR US)

B25D 17/00 (2013.01 - KR); **B25D 17/088** (2013.01 - EP US); **B25D 2217/0034** (2013.01 - EP US); **Y10T 279/17068** (2015.01 - EP US); **Y10T 279/17085** (2015.01 - EP US); **Y10T 279/17752** (2015.01 - EP US); **Y10T 408/907** (2015.01 - EP US)

Cited by

EP0665088A1; EP0662370A1; EP0645218A3; EP0729810A1; EP2537611A4; EP0662369A1; EP0657253A3; US5529444A; WO9608343A1

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