

Title (en)

Tool and toolchuck for handtools

Title (de)

Werkzeug und Werkzeugaufnahme für Handwerkzeuggeräte

Title (fr)

Outil et mandrin pour outil à main

Publication

**EP 0614731 B1 19970305 (DE)**

Application

**EP 93810892 A 19931220**

Priority

- DE 4307161 A 19930306
- DE 4313578 A 19930426

Abstract (en)

[origin: US5427481A] A tool bit to be inserted into a tool bit chuck of a hand tool used for chiseling, drilling and/or percussion drilling has an axially extending chucking shank (A) with two locking grooves (1) closed at the ends spaced apart in the axial direction, and two rotary entrainment grooves (2) open at a free end of the shank. In addition, two rotary entrainment faces (3) are located in the areas of the locking grooves (1).

IPC 1-7

**B25D 17/08**

IPC 8 full level

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CPC (source: EP US)

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**US 5427481 A 19950627**; AT E149404 T1 19970315; CA 2116936 A1 19940907; CN 1041697 C 19990120; CN 1107404 A 19950830; DE 4313578 A1 19940908; DE 59305635 D1 19970410; DK 0614731 T3 19970915; EP 0614731 A1 19940914; EP 0614731 B1 19970305; ES 2098018 T3 19970416; FI 941038 A0 19940304; FI 941038 A 19940907; HU 216755 B 19990830; HU 9400663 D0 19940530; HU T69233 A 19950828; JP H06297218 A 19941025; KR 100287511 B1 20010416; KR 940021163 A 19941017; PL 172785 B1 19971128; TW 229171 B 19940901

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