

Title (en)  
Chisel tool

Title (de)  
Meisselwerkzeug

Title (fr)  
Outil à ciseau

Publication  
**EP 0586337 B1 19960717 (DE)**

Application  
**EP 93810581 A 19930817**

Priority  
DE 4228985 A 19920831

Abstract (en)  
[origin: EP0586337A2] The chisel tool consists of a receiving part (1) and a cutting part (2), which are interconnected via a friction weld joint (3). The cutting part (2) consists of a higher-quality material than the receiving part (1). Consequently, only one part of the entire chisel tool consists of an expensive, high-quality material, thus leading in particular to benefits in terms of cost-effectiveness.

IPC 1-7  
**B25D 17/02**

IPC 8 full level  
**B25D 17/02** (2006.01)

CPC (source: EP)  
**B25D 17/02** (2013.01)

Cited by  
GB2310391A; US6109620A

Designated contracting state (EPC)  
AT CH DE DK ES FR GB IT LI SE

DOCDB simple family (publication)  
**EP 0586337 A2 19940309; EP 0586337 A3 19950111; EP 0586337 B1 19960717**; AT E140413 T1 19960815; DE 4228985 A1 19940303; DE 59303245 D1 19960822; DK 0586337 T3 19961202; ES 2089776 T3 19961001; HU 212090 B 19960228; HU 9302450 D0 19931129; HU T68759 A 19950728; JP H06170748 A 19940621

DOCDB simple family (application)  
**EP 93810581 A 19930817**; AT 93810581 T 19930817; DE 4228985 A 19920831; DE 59303245 T 19930817; DK 93810581 T 19930817; ES 93810581 T 19930817; HU 9302450 A 19930830; JP 21419693 A 19930830