

Title (en)  
Drilling and/or percussion tool

Title (de)  
Bohr- und/oder Meisselwerkzeug

Title (fr)  
Outil de forage et/ou de percussion

Publication  
**EP 1095741 A3 20031008 (DE)**

Application  
**EP 00810971 A 20001020**

Priority  
DE 19952225 A 19991029

Abstract (en)  
[origin: EP1095741A2] A cylindrical insertion end (4) is joined to the shaft (2 of the drill and or chisel. The insertion end has at least one elongated cavity (5-8) open towards the free end and towards its outer contour. A flange (3) between the shaft and the insertion end extends at least partly round the tool (1) and protrudes radially beyond the shaft and insertion end at least in parts. The recess has a part-circular cross-sectional surface extending at right angles to the center lengthwise axis of the tool and widening towards the outer contour.

IPC 1-7  
**B25D 17/02**; **B25D 17/08**

IPC 8 full level  
**B25D 17/02** (2006.01); **B23B 45/16** (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); **B25D 2217/0046** (2013.01 - EP US)

Citation (search report)

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- [Y] DE 3714679 A1 19881110 - HILTI AG [LI]
- [X] US 4491444 A 19850101 - RUMPP GERHARD [DE], et al
- [A] FR 2278454 A1 19760213 - LAMY ANDRE [FR]
- [A] GB 1010028 A 19651117 - INGERSOLL RAND CO

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**EP 1095741 A2 20010502**; **EP 1095741 A3 20031008**; **EP 1095741 B1 20050608**; AU 6543900 A 20010503; AU 769729 B2 20040205; CA 2323568 A1 20010429; CN 1294961 A 20010516; DE 19952225 A1 20010503; DE 50010502 D1 20050714; DK 1095741 T3 20051010; JP 2001170875 A 20010626; JP 4751503 B2 20110817; US 6543558 B1 20030408; ZA 200006038 B 20010426

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**EP 00810971 A 20001020**; AU 6543900 A 20001011; CA 2323568 A 20001013; CN 00131659 A 20001024; DE 19952225 A 19991029; DE 50010502 T 20001020; DK 00810971 T 20001020; JP 2000330437 A 20001030; US 69637500 A 20001025; ZA 200006038 A 20001026