

Title (en)

Stone cutting tool with PCD cutting segments

Title (de)

Mit Schneiden aus PKD-Segmenten versehendem Werkzeug zur Bearbeitung von Stein oder steinähnlichen Materialien

Title (fr)

Outil de coupe de la pierre ayant des segments de coupe de pcd

Publication

EP 1004414 A3 20020605 (DE)

Application

EP 99121454 A 19991028

Priority

DE 19854113 A 19981124

Abstract (en)

[origin: EP1004414A2] A stone cutting and polishing tool has a polishing/cutting wheel made of polycrystalline diamond (PKD) segments/blades arranged in a pattern on a support disc. The working edges of the segments/blades are set at a negative angle of up to 10 deg. to the rotational direction of the tool. The spaces between the working edges enable debris to be removed without clogging the tool. The tool can be used dry or with a lubricant.

IPC 1-7

B28D 1/12; **B28D 1/18**

IPC 8 full level

B28D 1/12 (2006.01); **B28D 1/18** (2006.01)

CPC (source: EP)

B28D 1/121 (2013.01); **B28D 1/186** (2013.01)

Citation (search report)

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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 1004414 A2 20000531; **EP 1004414 A3 20020605**; **EP 1004414 B1 20031217**; AT E256544 T1 20040115; DE 19854113 A1 20000531; DE 19854113 C2 20030828; DE 59908098 D1 20040129

DOCDB simple family (application)

EP 99121454 A 19991028; AT 99121454 T 19991028; DE 19854113 A 19981124; DE 59908098 T 19991028