

Title (en)
GRINDING TOOL

Title (de)
SCHLEIFWERKZEUG

Title (fr)
RECTIFIEUSE

Publication
EP 1117507 A1 20010725 (DE)

Application
EP 98944948 A 19981002

Priority
CH 9800422 W 19981002

Abstract (en)
[origin: WO0020171A1] The invention relates to a grinding tool which is driven about an axis of revolution (2) and which has radially outwardly projecting, blade-shaped grinding elements (3). Said grinding elements (3) have an abrasive surface and adjacent slits (5, 6), preferably situated at alternately different distances from the axis of revolution (2). Spacers (4) are situated between the grinding elements (3). The grinding elements (3) are retained by retaining rods (7) which are preferably mounted in such a way that they can rotate about their longitudinal axis in the base body (1) or the retaining cage (8) of the grinding tool. An advantage of this arrangement is that the tool can be produced with very large dimensions and that it is particularly suitable for machining workpieces with a curved surface.

IPC 1-7
B24D 13/06

IPC 8 full level
B24B 33/08 (2006.01); **B24D 13/06** (2006.01)

CPC (source: EP US)
B24B 33/08 (2013.01 - EP US); **B24D 13/06** (2013.01 - EP US)

Citation (search report)
See references of WO 0020171A1

Cited by
WO2013014075A1

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)
WO 0020171 A1 20000413; AT E230328 T1 20030115; AU 9249898 A 20000426; DE 59806834 D1 20030206; DK 1117507 T3 20030422; EP 1117507 A1 20010725; EP 1117507 B1 20030102; US 6491576 B1 20021210

DOCDB simple family (application)
CH 9800422 W 19981002; AT 98944948 T 19981002; AU 9249898 A 19981002; DE 59806834 T 19981002; DK 98944948 T 19981002; EP 98944948 A 19981002; US 80666401 A 20010815