

Title (en)  
CUTTING TOOL

Publication  
**EP 0287847 B1 19911016 (DE)**

Application  
**EP 88104896 A 19880326**

Priority  
DE 3712953 A 19870416

Abstract (en)  
[origin: US4940039A] A cutting tool comprising a disk, on the periphery of which are mounted cutting segments. The cutting elements have grooves which extend over the entire height of each cutting segment and have channels discharging chip material in peripheral direction. The latter are in particular meander-shaped, zigzag-shaped or wave-shaped, with the cutting-segment surfaces being opposite one another conformingly parallel in such a manner that a full cross-sectional overlapping is assured in an axial direction. Side channels and/or V-channels can follow a center channel in order to also permit a lateral material discharge.

IPC 1-7  
**B24D 5/12**; **B28D 1/12**

IPC 8 full level  
**B24D 5/12** (2006.01); **B28D 1/12** (2006.01)

CPC (source: EP US)  
**B24D 5/123** (2013.01 - EP US); **B28D 1/121** (2013.01 - EP US)

Cited by  
WO0224426A1

Designated contracting state (EPC)  
AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)  
**US 4940039 A 19900710**; AT E68401 T1 19911115; CA 1311412 C 19921215; DE 3712953 A1 19881103; DE 3865500 D1 19911121; EP 0287847 A2 19881026; EP 0287847 A3 19890503; EP 0287847 B1 19911016; ES 2023346 A4 19920116; ES 2023346 T3 19920601; GR 3002923 T3 19930125

DOCDB simple family (application)  
**US 39167889 A 19890808**; AT 88104896 T 19880326; CA 564253 A 19880415; DE 3712953 A 19870416; DE 3865500 T 19880326; EP 88104896 A 19880326; ES 88104896 T 19880326; GR 910401487 T 19911017