

Title (en)
TOOL FOR MACHINE TOOLS

Title (de)
SCHNEIDKÖRPER ENTHALTENDES WERKZEUG FÜR WERKZEUGMASCHINEN

Title (fr)
OUTIL POUR MACHINES-OUTILS

Publication
EP 1402080 B1 20090923 (DE)

Application
EP 02748697 A 20020510

Priority
• DE 10129599 A 20010620
• EP 0205156 W 20020510

Abstract (en)
[origin: WO03000943A2] The invention relates to a tool for machine tools, comprising a base (10) and a cutting coating (12) that comprises a binder material (14) in which abrasive cutting bodies (16), especially diamonds, are firmly incorporated by means of a sintering process. The invention is further characterized in that at least one cutting body (16) is surrounded by a coating (18) that protects the cutting body (16) during sintering.

IPC 8 full level
B24D 3/00 (2006.01); **C22C 26/00** (2006.01); **B22F 3/23** (2006.01); **B24D 3/02** (2006.01); **B24D 3/06** (2006.01); **B24D 5/12** (2006.01); **B24D 18/00** (2006.01); **B28D 1/12** (2006.01); **C22C 19/05** (2006.01)

CPC (source: EP KR US)
B24D 5/12 (2013.01 - EP US); **B24D 18/00** (2013.01 - EP); **B28D 1/04** (2013.01 - KR); **B28D 1/121** (2013.01 - EP); **C22C 26/00** (2013.01 - EP); **B22F 2998/10** (2013.01 - EP)

Cited by
US9238277B2; US9764442B2

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

DOCDB simple family (publication)
WO 03000943 A2 20030103; **WO 03000943 A3 20030424**; AT E443779 T1 20091015; CN 1272455 C 20060830; CN 1518605 A 20040804; DE 10129599 A1 20030109; DE 50213872 D1 20091105; EP 1402080 A2 20040331; EP 1402080 B1 20090923; JP 2004520957 A 20040715; KR 100895962 B1 20090507; KR 20030034148 A 20030501

DOCDB simple family (application)
EP 0205156 W 20020510; AT 02748697 T 20020510; CN 02812428 A 20020510; DE 10129599 A 20010620; DE 50213872 T 20020510; EP 02748697 A 20020510; JP 2003507323 A 20020510; KR 20037002359 A 20030218