

Title (en)  
DIAMOND CUTTING TOOL

Title (de)  
DIAMANT-SCHNEIDWERKZEUG

Title (fr)  
OUTIL DE TAILLE DE DIAMANT

Publication  
**EP 1087857 A1 20010404 (DE)**

Application  
**EP 99927565 A 19990127**

Priority  
• DE 19802980 A 19980127  
• DE 19859905 A 19981223  
• EP 9900532 W 19990127

Abstract (en)  
[origin: WO9937437A1] A cutting tool has a synthetic diamond layer (2) with a cutting edge (5) having a profile with a decreasing thickness structured by etching. Also disclosed is a process for producing such a cutting tool.

IPC 1-7  
**B23P 15/40**; **B23P 15/28**; **C23C 16/56**; **C04B 41/91**

IPC 8 full level  
**B23P 15/28** (2006.01); **B23P 15/40** (2006.01); **C23C 16/27** (2006.01); **C23C 16/56** (2006.01); **C30B 29/04** (2006.01)

CPC (source: EP US)  
**B23P 15/28** (2013.01 - EP US); **B23P 15/40** (2013.01 - EP US); **C23C 16/56** (2013.01 - EP US)

Citation (search report)  
See references of WO 9937437A1

Designated contracting state (EPC)  
CH DE FR GB LI NL

DOCDB simple family (publication)  
**WO 9937437 A1 19990729**; AU 3251299 A 19990809; BR 9907277 A 20001024; CN 1294542 A 20010509; DE 19859905 A1 19990909; DE 19859905 C2 20020523; EP 1087857 A1 20010404; IL 137360 A0 20010724; JP 2002500963 A 20020115; US 6599178 B1 20030729

DOCDB simple family (application)  
**EP 9900532 W 19990127**; AU 3251299 A 19990127; BR 9907277 A 19990127; CN 99802450 A 19990127; DE 19859905 A 19981223; EP 99927565 A 19990127; IL 13736099 A 19990127; JP 2000528399 A 19990127; US 60118300 A 20000727