

Title (en)  
DIAMOND ELECTRODE AND METHOD FOR PRODUCTION THEREOF

Title (de)  
DIAMANTELEKTRODE UND VERFAHREN ZU IHRER HERSTELLUNG

Title (fr)  
ELECTRODE A DIAMANTS ET PROCEDE PERMETTANT DE LA PRODUIRE

Publication  
**EP 1527212 A1 20050504 (DE)**

Application  
**EP 03718708 A 20030325**

Priority  
• AT 10182002 A 20020708  
• EP 0303085 W 20030325

Abstract (en)  
[origin: WO2004005585A1] The invention relates to a diamond electrode with synthetically-produced, electrically-conducting (doped) diamonds. The surface comprises diamond particles (5) embedded in a metal or metal alloy layer which generate an electrically-conducting connection to the metal or metal alloy.

IPC 1-7  
**C25B 11/12**

IPC 8 full level  
**C02F 1/461** (2006.01); **C23C 30/00** (2006.01); **C25B 1/02** (2006.01); **C25B 11/04** (2006.01); **C25B 11/06** (2006.01); **C25B 11/12** (2006.01); **C25D 11/18** (2006.01); **C25D 15/00** (2006.01)

CPC (source: EP US)  
**C02F 1/46109** (2013.01 - EP US); **C25B 11/091** (2021.01 - EP US); **C02F 2001/46147** (2013.01 - EP US); **Y10T 428/12535** (2015.01 - EP US); **Y10T 428/12625** (2015.01 - EP US)

Citation (search report)  
See references of WO 2004005585A1

Cited by  
WO2007116004A2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2004005585 A1 20040115**; AT 412002 B 20040826; AT A10182002 A 20040115; AU 2003222779 A1 20040123; EP 1527212 A1 20050504; JP 2005532472 A 20051027; US 2006151803 A1 20060713; US 7455754 B2 20081125

DOCDB simple family (application)  
**EP 0303085 W 20030325**; AT 10182002 A 20020708; AU 2003222779 A 20030325; EP 03718708 A 20030325; JP 2004518488 A 20030325; US 52093006 A 20060117