

Title (en)  
CUTTING INSERT

Title (de)  
SCHNEIDEINSATZ

Title (fr)  
PLAQUETTE DE COUPE

Publication  
**EP 1912757 A1 20080423 (DE)**

Application  
**EP 06761802 A 20060714**

Priority  
• DE 2006001222 W 20060714  
• DE 202005012615 U 20050808

Abstract (en)  
[origin: DE202005012615U1] The tool has two parallel flat bases, which receives a clamping screw via a hole (12). The flat bases at its short edges are changed to rounded end faces, which are limited by cutting edges. The cutting edges are designed as steps and include two convex cutting edge sections between which a concave cutting edge section is placed. An angular dimension of the outer convex edge section ranges to 180 degrees.

IPC 8 full level  
**B23C 3/06** (2006.01); **B23B 27/16** (2006.01); **B23C 5/20** (2006.01)

CPC (source: EP KR US)  
**B23C 3/06** (2013.01 - EP KR US); **B23C 5/20** (2013.01 - KR); **B23C 5/202** (2013.01 - EP US); **B23B 2200/3663** (2013.01 - EP US); **B23C 2200/085** (2013.01 - EP US); **B23C 2200/203** (2013.01 - EP US); **B23C 2200/286** (2022.02 - EP US); **B23C 2215/20** (2013.01 - EP US); **Y10T 407/1936** (2015.01 - EP US); **Y10T 407/235** (2015.01 - EP US); **Y10T 407/24** (2015.01 - EP US); **Y10T 407/245** (2015.01 - EP US)

Citation (search report)  
See references of WO 2007016890A1

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

DOCDB simple family (publication)  
**DE 202005012615 U1 20051027**; BR PI0614369 A2 20110322; CA 2617619 A1 20070215; CN 101227993 A 20080723; CN 102974881 A 20130320; CN 104001982 A 20140827; EP 1912757 A1 20080423; JP 2009504417 A 20090205; JP 5541862 B2 20140709; KR 20080023761 A 20080314; MX 2008001805 A 20080409; RU 2008103667 A 20090920; RU 2398661 C2 20100910; US 2009232609 A1 20090917; US 8858132 B2 20141014; WO 2007016890 A1 20070215; WO 2007016890 A8 20080131

DOCDB simple family (application)  
**DE 202005012615 U 20050808**; BR PI0614369 A 20060714; CA 2617619 A 20060714; CN 200680025966 A 20060714; CN 201210432091 A 20060714; CN 201410201954 A 20060714; DE 2006001222 W 20060714; EP 06761802 A 20060714; JP 2008525375 A 20060714; KR 20087003134 A 20080205; MX 2008001805 A 20060714; RU 2008103667 A 20060714; US 98964406 A 20060714