

Title (en)
CUTTING TOOL THAT IS USED IN ROTATION FOR MACHINING WOOD

Title (de)
ROTIEREND EINGESETZTES SCHNEIDWERKZEUG ZUM BEARBEITEN VON HOLZ

Title (fr)
OUTIL COUPANT UTILISÉ EN ROTATION POUR LE TRAVAIL DU BOIS

Publication
EP 2220268 A2 20100825 (DE)

Application
EP 08852016 A 20081114

Priority
• AT 2008000409 W 20081114
• AT 19002007 A 20071122

Abstract (en)
[origin: WO2009065160A2] The invention relates to a cutting tool, in particular a rotationally used cutting tool for machining wood. Said cutting tool comprises a body with a covering consisting of one or several layers that are applied at least in the regions of the surface of the body, or is formed from said coated body. According to the invention, in order to reduce adhesiveness during a cutting process and to obtain a high level of resistance to corrosion, the outermost layer of the coating is made of an oxide, oxynitride or an oxycarbonitride of one or more of the following metals: titanium, zirconium, vanadium, niobium, tantalum, chromium, molybdenum and tungsten.

IPC 8 full level
C23C 30/00 (2006.01)

CPC (source: EP)
C23C 30/005 (2013.01)

Citation (search report)
See references of WO 2009065160A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
AT 505759 A4 20090415; AT 505759 B1 20090415; EP 2220268 A2 20100825; EP 2220268 B1 20140312; WO 2009065160 A2 20090528; WO 2009065160 A3 20100128

DOCDB simple family (application)
AT 19002007 A 20071122; AT 2008000409 W 20081114; EP 08852016 A 20081114