

Title (en)

TOOL FOR MACHINING

Title (de)

WERKZEUG FÜR DIE SPANENDE BEARBEITUNG

Title (fr)

OUTIL POUR L'USINAGE PAR ENLÈVEMENT DE COPEAUX

Publication

**EP 2866964 A1 20150506 (DE)**

Application

**EP 13732479 A 20130627**

Priority

- DE 102012012908 A 20120628
- EP 2013063503 W 20130627

Abstract (en)

[origin: CA2875474A1] The invention relates to a tool (1) for machining, having a parent holder (11), an insert seat (5), a clamping shoe (4) having a clamping shoe arm (7) and an end-side clamping shoe head (8), and a cutting insert (10). In order both to increase the service life of the cutting inserts and to break the long chips that arise during cutting or to keep said chips short, it is proposed that the clamping shoe (4) is connected to the parent holder (11) and in the tool at least one coolant line (6) is passed through the parent holder (11) and the clamping shoe (4) as far as the clamping shoe head (8), said coolant line(s) leading into at least one discharge nozzle (3) on the clamping shoe head (8).

IPC 8 full level

**B23B 27/16** (2006.01); **B23B 25/02** (2006.01); **B23B 27/10** (2006.01); **B23B 27/22** (2006.01); **B23B 29/04** (2006.01)

CPC (source: CN EP KR US)

**B23B 25/02** (2013.01 - CN EP US); **B23B 27/10** (2013.01 - CN EP KR US); **B23B 27/1666** (2013.01 - CN EP KR US);  
**B23B 27/22** (2013.01 - CN EP US); **B23B 29/046** (2013.01 - CN EP KR US); **B23B 2205/02** (2013.01 - CN EP KR US);  
**B23B 2205/12** (2013.01 - CN EP US); **B23B 2250/12** (2013.01 - US)

Citation (search report)

See references of WO 2014001447A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**DE 102013212459 A1 20140102;** BR 112014032564 A2 20170627; CA 2875474 A1 20140103; CN 104379281 A 20150225;  
EP 2866964 A1 20150506; JP 2015521549 A 20150730; KR 20150036237 A 20150407; US 2015290716 A1 20151015;  
WO 2014001447 A1 20140103

DOCDB simple family (application)

**DE 102013212459 A 20130627;** BR 112014032564 A 20130627; CA 2875474 A 20130627; CN 201380034062 A 20130627;  
EP 13732479 A 20130627; EP 2013063503 W 20130627; JP 2015519092 A 20130627; KR 20157002277 A 20130627;  
US 201314402384 A 20130627