

Title (en)

Rotary tool for cutting materials and cutting machine comprising such a rotary tool

Title (de)

Rotierendes Werkzeug zum Schneiden von Materialien und Schneidmaschine mit solch einem Drehwerkzeug

Title (fr)

Outil rotatif de coupe de matériaux et machine de coupe comportant un tel outil

Publication

EP 2818248 A1 20141231 (EN)

Application

EP 14174850 A 20140627

Priority

IT PD20130179 A 20130627

Abstract (en)

A rotary tool for cutting materials comprises a plurality of disc-like elements which are arranged side by side in the same axis, a plurality of cutting elements which are contained between pairs of disc-like elements opposite each other. There are defined between tangentially contiguous cutting elements respective transport cavities which are opposite a cutting portion of the cutting element and which are capable of receiving the cut material during at least a portion of rotation of the tool.

IPC 8 full level

B02C 18/14 (2006.01); **B02C 18/18** (2006.01); **B27L 11/00** (2006.01)

CPC (source: EP)

B02C 18/146 (2013.01); **B02C 18/18** (2013.01); **B27L 11/02** (2013.01); **B02C 2018/188** (2013.01)

Citation (applicant)

- IT 1370407 B
- WO 2010129268 A2 20101111 - VERMEER MFG CO [US], et al

Citation (search report)

- [XYI] WO 2012096560 A1 20120719 - ARUN CHANDRASEKHAR [MY]
- [XYI] WO 2011101544 A1 20110825 - KESLA OYJ [FI], et al
- [XYI] WO 2009040490 A1 20090402 - PALM ORGANICS GLOBAL LTD [SG], et al
- [Y] WO 9413442 A1 19940623 - TELCOR PTY LTD [AU], et al
- [Y] US 5713525 A 19980203 - MOREY NORVAL K [US]
- [Y] US 5005620 A 19910409 - MOREY NORVAL [US]

Cited by

IT201900006240A1; EP4056027A1; IT202100005765A1; US11998924B2; EP3738672A1; WO2020216700A1

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)

EP 2818248 A1 20141231; IT PD20130179 A1 20141228

DOCDB simple family (application)

EP 14174850 A 20140627; IT PD20130179 A 20130627