Title (en)

METHOD FOR ARRANGING ABRASIVE PARTICLES OF A GRIND TOOL ORDERLY

Title (de)

VERFAHREN ZUR GEORDNETEN ANORDNUNG VON SCHLEIFTEILCHEN EINES SCHLEIFWERKZEUGS

Title (fr)

PROCÉDÉ D'AGENCEMENT ORDONNÉ DE PARTICULES ABRASIVES D'UN OUTIL DE MEULAGE

Publication

EP 2184134 A1 20100512 (EN)

Application

EP 08706508 A 20080213

Priority

- CN 2008000331 W 20080213
- CN 200710009468 A 20070828

Abstract (en)

A method for uniformly distributing abrasive grits (1) on grinding tools (10) comprises the steps of: forming a substrate layer (11, 12, 13, 14) and an adsorbent template (20), designing a single layer template (20) based on the tactic requirement of the abrasive grits (1) such as diamond etc., said template (20) having one adsorbent layer that can adsorb the diamond grits (1) upon the template (20), placing said template (20) upon the substrate layer (11, 12, 13, 14), pressing the diamond particles (1) into the substrate layer (11, 12, 13, 14), so that the diamond grits (1) are distributed in order in the substrate layer (11, 12, 13, 14) . Said grinding tool (10) applies to the cutting end of a diamond tool and diamond tools for cutting and grinding several kinds of hard and friable materials, such as granite, marble, concrete and bitumen etc.

IPC 8 full level

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CPC (source: EP US)

B24D 7/066 (2013.01 - EP US); **B24D 18/0045** (2013.01 - EP US); **B24D 18/0054** (2013.01 - EP US); **B24D 99/005** (2013.01 - EP US)

Citation (search report)

See references of WO 2009026776A1

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JPWO2019069847A1; US9381618B2; WO2019069847A1; US10106714B2; US11959009B2; US10865148B2; US9676981B2; US9803119B2; US9783718B2; US10563106B2; US9765249B2; US10428255B2; US11453811B2; US11230653B2; US10280350B2; US11926019B2; US9707529B2; US10286523B2; US11148254B2; US11154964B2; US9688893B2; US10000676B2; US12043784B2; US9604346B2; US9676982B2; US10711171B2; US11879087B2; US9771507B2; US10196551B2; US10597568B2; US11472989B2; US11926781B2; US10563105B2; US11427740B2; US11549040B2; US11932802B2; US9676980B2; US9771506B2; US10106715B2; US10364383B2; US10759024B2; US11091678B2; US11142673B2; US11649388B2; US11859120B2; US9902045B2; US9914864B2; US9938440B2; US10351745B2; US10358589B2; US11608459B2; US11643582B2; US11926780B2; US12084611B2; US10179391B2; US10557067B2; US10668598B2; US11590632B2; US11718774B2

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)

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