Title (en)
METHOD OF FABRICATION OF GRINDING WHEELS AND RELATED PLANT

Title (de)
VERFAHREN ZUR HERSTELLUNG VON SCHLEIFRÄDERN UND ENTSPRECHENDE ANLAGE

Title (fr)
PROCÉDÉ DE FABRICATION DE MEULES ET INSTALLATION ASSOCIÉE

Publication
EP 2205399 B1 20110907 (EN)

Application
EP 07849697 A 20071018

Priority
IT 2007000728 W 20071018

Abstract (en)
[origin: WO2009050749A1] The problems deriving from even slight dishomogenities of the density of filling of molds for forming abrasive wheels with a powdery abrasive.mixture induced by the levelling action by repeated passes of a scraper blade moving along the same line onto the surface of a mold table (2) are overcome by performing the. following succession of operations: - lifting a mobile bottom (4) of a mold table hole (3) at a first level equal to or lower than the level of the surface of the mold table; - depositing on the surface of the mold. table (2) a layer of a certain uniform of thickness of abrasive mixture while maintaining the mobile bottom (4) at said first lifted level; - lowering inside the hole (3) through the mold table (2) said mobile bottom (4) sustaining the mass of abrasive mixture bearing on its surface; - lifting said mobile bottom (4) to a second preestablished level equal to or lower than said first level; - removing the abrasive mixture of said deposited layer, from the surface of the mold table (2) levelling the abrasive mixture filling of said mold cavity; - lowering said mobile bottom (4) inside said hole (3). The method is effective even in case of forming by pressing at room.temperature ultrathin grinding wheels and/or incorporating one or more reinforcement nets, to be successively hardened in oven.

IPC 8 full level
B24D 18/00 (2006.01)

CPC (source: EP)
B24D 18/0009 (2013.01)

Cited by
IT202000018754A1; CN107097158A; IT201600119933A1; DE102015221294B3; ITUA20162123A1

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 MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2009050749 A1 20090423; AT E523292 T1 20110915; EP 2205399 A1 20100714; EP 2205399 B1 20110907

DOCDB simple family (application)
IT 2007000728 W 20071018; AT 07849697 T 20071018; EP 07849697 A 20071018