

Title (en)

AN ABRASIVE ARTICLE HAVING A BACKING, SUITABLE FOR ATTACHMENT TO A ROTATABLE SHAFT, AND PREPARATION THEREOF

Title (de)

SCHLEIFARTIKEL MIT RÜCKWAND ZUR ANBRINGUNG EINER DREHBAREN WELLE UND HERSTELLUNG DAVON

Title (fr)

ARTICLE ABRASIF DOTÉ D'UNE SURFACE DE SUPPORT, ADAPTÉE POUR LA FIXATION À UN AXE ROTATIF, ET PROCÉDÉ DE FABRICATION ASSOCIÉ

Publication

EP 1986823 A1 20081105 (EN)

Application

EP 07750909 A 20070215

Priority

- US 2007004107 W 20070215
- GB 0603277 A 20060217

Abstract (en)

[origin: WO2007098036A1] A method is described for making an abrasive article comprising an abrasive part (1) and a backing (2) fixed to the abrasive part to provide for attachment of the abrasive article at a central location (3) to a rotatable shaft of a driven tool, wherein the abrasive part (1) comprises a substrate having abrasive characteristics. The method comprises placing a restricting layer (6) adjacent the abrasive part (1), injecting molten polymeric material onto the restricting layer, the restricting layer causing the polymeric material to spread over the abrasive part, and allowing the polymeric material to cool while remaining in contact with the abrasive part to form the backing (2).

IPC 8 full level

B24D 9/08 (2006.01); **B24D 13/14** (2006.01); **B24D 13/16** (2006.01); **B24D 18/00** (2006.01); **B29C 45/14** (2006.01)

CPC (source: EP)

B24D 9/08 (2013.01); **B24D 13/147** (2013.01); **B24D 13/16** (2013.01); **B24D 18/0009** (2013.01); **B29C 45/14786** (2013.01); **B29C 45/14811** (2013.01); **B29C 45/0046** (2013.01)

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 NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2007098036 A1 20070830; EP 1986823 A1 20081105; EP 1986823 A4 20101222; GB 0603277 D0 20060329

DOCDB simple family (application)

US 2007004107 W 20070215; EP 07750909 A 20070215; GB 0603277 A 20060217