

Title (en)

ABRASIVE CONFIGURATION FOR FLUID DYNAMIC REMOVAL OF ABRADED MATERIAL AND THE LIKE

Title (de)

SCHLEIFKONFIGURATION ZUR FLUIDDYNAMISCHEN ENTFERNUNG VON GESCHLIFFENEM MATERIAL UND DERGLEICHEN

Title (fr)

CONFIGURATION ABRASIVE POUR L'ÉLIMINATION DYNAMIQUE FLUIDIQUE DU MATÉRIAU ABRASÉ ET SIMILAIRES

Publication

**EP 2097218 A2 20090909 (EN)**

Application

**EP 07867765 A 20071214**

Priority

- US 2007025626 W 20071214
- US 87509406 P 20061215

Abstract (en)

[origin: WO2008076366A2] An abrasive tool utilized to remove material from a workpiece is formed to comprise fluid-dynamically-designed features (apertures, airfoils) configured to efficiently remove abraded material and waste from the surface of the workpiece. An abrasive component (and/or backing plate) is formed to include fluid-dynamically- designed features that create an air flow stream/pressure differential which draws the created debris (variously referred to as "swarf", meaning in general any material removed by an abrading tool) away from the grinding surface.

IPC 8 full level

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CPC (source: EP US)

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