

Title (en)
ABRASIVE ARTICLE AND METHODS OF MAKING THE SAME

Title (de)
SCHLEIFKÖRPER UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)
PRODUIT ABRASIF ET PROCEDES POUR SA FABRICATION

Publication
EP 1663579 A1 20060607 (EN)

Application
EP 04779557 A 20040729

Priority
• US 2004024543 W 20040729
• US 66873503 A 20030923

Abstract (en)
[origin: US2005060941A1] An abrasive article and methods of making the same are disclosed. The abrasive article includes a backing and an array of features on the backing. Each feature includes a base and a body. The body includes a face having an undercut. In one embodiment, the feature also includes a planar top portion having abrasive particles disposed thereon. In another embodiment, the feature also includes a radiused portion on the undercut sidewall adjacent the base.

IPC 1-7
B24D 11/00; B24D 3/28

IPC 8 full level
B24D 3/28 (2006.01); **B24D 11/00** (2006.01)

CPC (source: EP KR US)
B24D 3/20 (2013.01 - KR); **B24D 3/28** (2013.01 - EP KR US); **B24D 11/00** (2013.01 - EP KR US); **B24D 2203/00** (2013.01 - EP US)

Citation (search report)
See references of WO 2005035198A1

Cited by
WO2021001150A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
US 2005060941 A1 20050324; BR PI0414610 A 20061107; CN 1882418 A 20061220; EP 1663579 A1 20060607; JP 2007505758 A 20070315;
KR 20060087582 A 20060802; WO 2005035198 A1 20050421

DOCDB simple family (application)
US 66873503 A 20030923; BR PI0414610 A 20040729; CN 200480034364 A 20040729; EP 04779557 A 20040729; JP 2006527980 A 20040729;
KR 20067005791 A 20060323; US 2004024543 W 20040729