

Title (en)

METHOD FOR MAKING ABRASIVE GRAIN USING IMPREGNATION, AND ABRASIVE ARTICLES

Title (de)

VERFAHREN ZUR HERSTELLUNG VON SCHLEIFKÖRNERN DURCH IMPRÄGNIEREN UND DAMIT HERGESTELLTE SCHLEIFMITTEL

Title (fr)

PROCEDE DE FABRICATION DE GRAIN ABRASIF PAR IMPREGNATION, ET ARTICLES ABRASIFS

Publication

EP 1080052 B9 20030102 (EN)

Application

EP 99915150 A 19990331

Priority

- US 9907059 W 19990331
- US 8136598 A 19980519

Abstract (en)

[origin: WO9961389A1] Method for making alpha alumina-based abrasive grain, wherein during an impregnation step of the method, alpha alumina-based ceramic precursor particles conchoidally fracture. The abrasive grain can be incorporated into abrasive products such as coated abrasives, bonded abrasives, and non-woven abrasives.

IPC 1-7

C04B 35/111; **C09K 3/14**

IPC 8 full level

C01F 7/023 (2022.01); **C04B 35/111** (2006.01); **C09K 3/14** (2006.01)

CPC (source: EP US)

C01F 7/023 (2013.01 - EP US); **C04B 35/1115** (2013.01 - EP US); **C09K 3/1409** (2013.01 - EP US)

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

WO 9961389 A1 19991202; AU 3373699 A 19991213; BR 9910555 A 20010130; CA 2333297 A1 19991202; DE 69903538 D1 20021121; DE 69903538 T2 20030626; EP 1080052 A1 20010307; EP 1080052 B1 20021016; EP 1080052 B9 20030102; JP 2002516352 A 20020604; US 6053956 A 20000425

DOCDB simple family (application)

US 9907059 W 19990331; AU 3373699 A 19990331; BR 9910555 A 19990331; CA 2333297 A 19990331; DE 69903538 T 19990331; EP 99915150 A 19990331; JP 2000550802 A 19990331; US 8136598 A 19980519