

Title (en)

Abrasive sheeting having individually positioned abrasive granules.

Title (de)

Schleiffolie mit individuell angebrachten Schleifkörnern.

Title (fr)

Feuille abrasive ayant des grains abrasifs positionnés individuellement.

Publication

EP 0331344 A2 19890906 (EN)

Application

EP 89301732 A 19890222

Priority

US 16077688 A 19880226

Abstract (en)

Abrasive sheeting can produce fine finishes at surprisingly high cutting rates when its abrasive granules are individually positioned in a predetermined pattern, with an uncoated portion of virtually every granule protruding from the surface of the binder layer. Each of the abrasive granules preferably is a spherical composite of a large number of abrasive grains in a binder. For example, abrasive grains having a mean dimension of about 4 μ m can be bonded together to form spherical abrasive granules of virtually identical diameters, preferably within a range of from 25 to 100 μ m.

IPC 1-7

B24D 11/00

IPC 8 full level

B24D 11/00 (2006.01)

CPC (source: EP KR)

B24D 11/00 (2013.01 - KR); **B24D 11/001** (2013.01 - EP)

Cited by

EP0638391A1; US5628862A; US5441598A; EP0498559A1; CN114126771A; US8104464B2; US9868100B2; US7201645B2; US6679243B2; US8226737B2; US7124753B2; US9724802B2

Designated contracting state (EPC)

AT CH DE FR GB IT LI

DOCDB simple family (publication)

EP 0331344 A2 19890906; **EP 0331344 A3 19910807**; **EP 0331344 B1 19930922**; AT E94796 T1 19931015; CA 1298980 C 19920421; DE 68909273 D1 19931028; DE 68909273 T2 19940324; JP H01289672 A 19891121; KR 890012753 A 19890919; MX 170478 B 19930825

DOCDB simple family (application)

EP 89301732 A 19890222; AT 89301732 T 19890222; CA 591524 A 19890220; DE 68909273 T 19890222; JP 4500889 A 19890223; KR 890002309 A 19890225; MX 1506789 A 19890224