26 MAR 2003
200301581 5

*162162*

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
25 April 2002 (25.04.2002)

PCT

(10) International Publication Number
WO 02/032625 A3

(51) International Patent Classification[7]: B24B 37/04, B24D 3/28

(21) International Application Number: PCT/US01/06763

(22) International Filing Date: 2 March 2001 (02.03.2001)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
09/687,020 13 October 2000 (13.10.2000) US

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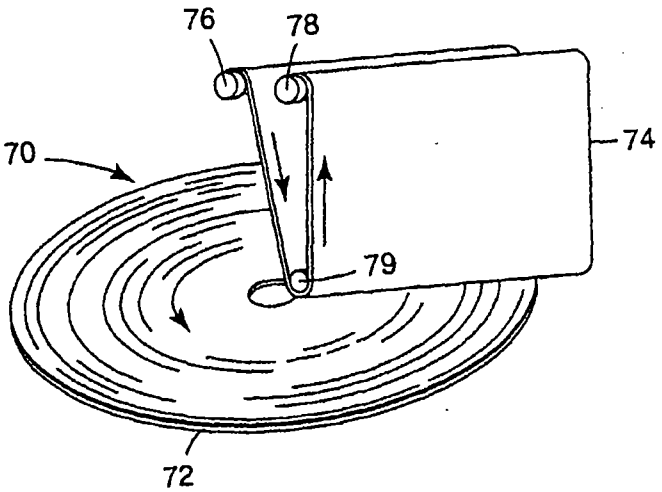
(81) Designated States *(national)*: AE, AG, AL, AM, AT, AT (utility model), AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, CZ (utility model), DE, DE (utility model), DK, DK (utility model), DM, DZ, EE, EE (utility model), ES, FI, FI (utility model), GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK (utility model), SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW.

(84) Designated States *(regional)*: ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

**Published:**
— *with international search report*
— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

*[Continued on next page]*

(54) Title: ABRASIVE ARTICLE COMPRISING A STRUCTURED DIAMOND-LIKE CARBON COATING AND METHOD OF USING SAME TO MECHANICALLY TREAT A SUBSTRATE




(57) Abstract: The invention provides abrasive articles (30) comprising: a backing (32) having a first major surface and a second major surface; and an abrasive coating (37) consisting essentially of: a hardened binder coating having a first surface adhered to the flexible backing (32) and a second structured surface comprising a plurality of precisely-shaped protrusions; and a diamond-like carbon coating superposed and adhered to at least a portion of the structured surface of the hardened binder coating. Also reported is a method of mechanically treating a rigid disk or a rigid disk substrate (12) using the abrasive articles (30) of the present invention.

WO 02/032625 A3

*ACTION*

(88) **Date of publication of the international search report:**
18 July 2002

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*