



EUROPEAN PATENT APPLICATION

Application number: **91111247.2**

Int. Cl.⁵: **B24D 3/34, C09K 3/14,
B24D 3/28**

Date of filing: **05.07.91**

Priority: **09.10.90 US 594466**

Date of publication of application:
15.04.92 Bulletin 92/16

Designated Contracting States:
BE DE FR GB IT NL

Date of deferred publication of the search report:
16.09.92 Bulletin 92/38

Applicant: **NORTON COMPANY**
1 New Bond Street
Worcester, MA 01615-0008(US)

Inventor: **Ramakrishnan, Muni S.**
28 Lanthorn Rd.
Northborough, MA 01532(US)

Representative: **Diehl, Hermann Dr. et al**
Diehl & Glaeser, Hiltl & Partner
Flüggengstrasse 13
W-8000 München 19(DE)

Dry grinding wheel and its application.

Organically bonded abrasive articles comprising seeded sol gel alumina filamentary abrasive particles have high dry grinding performance when the particles have silicon-enriched surfaces.



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number

EP 91 11 1247

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
X	JAPANESE PATENTS REPORTS Section Ch, volume U, no 30, 28 August 1973 Derwent Publications Ltd., London, GB; Class L, Page 2, AN 42665U & JP-A-7 324 470 (SHIKISHIMA CHIPTON K.K.) 21 July 1973 * abstract *	1, 5, 7	B24D3/34 C09K3/14 B24D3/28
X	GB-A-2 057 484 (P. PFLETSCHER, TRADING AS STEINBEARBEITUNGS-MASCHINENFABRIK CARL MEYER) * the whole document *	1-5, 7	
A	SOVIET INVENTIONS ILLUSTRATED Section Ch, Week 8513, 8 May 1985 Derwent Publications Ltd., London, GB; Class L, Page 5, AN 85-079934/13 & SU-A-1 112 043 (DVORSKII A.A.) 7 September 1984 * abstract *	1, 5, 7	
A	US-A-4 613 345 (RICKY P. THIKE ET AL.) * the whole document *	1-5, 7	TECHNICAL FIELDS SEARCHED (Int. Cl.5)
D,A	US-A-4 623 364 (THOMAS E. COTTRINGER ET AL.)		C09K B24D
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 08 JULY 1992	Examiner MOLTO PINOL F.J.
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			