

Title (en)
PRECIPITATED SILICAS SUITABLE FOR TRANSPARENT DENTIFRICES

Title (de)
ABGESCHIEDENE SILIKAS FÜR TRANSPARENTE ZAHNREINIGUNGSMITTEL

Title (fr)
SILICES PRECIPITEES ADAPTEES A DES DENTIFRICES TRANSPARENTS

Publication
EP 1560560 A4 20060412 (EN)

Application
EP 03777961 A 20031028

Priority
• US 0334285 W 20031028
• US 29567702 A 20021115

Abstract (en)
[origin: WO2004045504A2] An abrasive, amorphous precipitated silica is provided that provides excellent abrasive performance, but also has a relatively high degree of transmittance, and an index of refraction that is sufficiently low to allow it to be a component of a transparent toothpaste composition having a relatively high concentration of water. The amorphous precipitated silica composition has a refractive index of less than about 1.4387, a light transmittance of greater than about 48 %; and a Brass Einlehner abrasion value of greater than about 5 mg loss/100,000 rev. A dentifrice having a haze value of less than about 70 may be prepared using this abrasive, amorphous silica.

IPC 1-7
A61K 7/16

IPC 8 full level
A61K 8/25 (2006.01); **A61Q 11/00** (2006.01)

CPC (source: EP)
A61K 8/25 (2013.01); **A61Q 11/00** (2013.01); **A61K 2800/262** (2013.01)

Citation (search report)
• [E] EP 1465837 A1 20041013 - HUBER CORP J M [US]
• See references of WO 2004045504A2

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 PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2004045504 A2 20040603; WO 2004045504 A3 20040701; AU 2003286749 A1 20040615; AU 2003286749 B2 20080410; BR 0306585 A 20041130; EP 1560560 A2 20050810; EP 1560560 A4 20060412; MX PA04005642 A 20041206

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US 0334285 W 20031028; AU 2003286749 A 20031028; BR 0306585 A 20031028; EP 03777961 A 20031028; MX PA04005642 A 20031028