

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 A2 20050810 (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)

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