

Title (en)

DENTIFRICES COMPRISING BIOGENIC SILICA MATERIALS

Title (de)

ZAHNPUTZMITTEL MIT BIOGENEN SILICA-SUBSTANZEN

Title (fr)

DENTIFRICES COMPRENANT DES MATIÈRES À BASE DE SILICE BIOGÉNIQUE

Publication

EP 1973609 A1 20081001 (EN)

Application

EP 06839261 A 20061208

Priority

- US 2006047061 W 20061208
- US 32388105 A 20051230

Abstract (en)

[origin: WO2007078630A1] Unique dentifrices comprising unique abrasive biogenic silica materials are provided. Such compositions exhibit excellent abrasive characteristics, either alone, or in combination with other types of abrasives. In such combinations (with precipitated silica materials, as one example), simultaneously high pellicle film cleaning properties and . moderate dentin abrasion levels are possible in order to accord the user a dentifrice that effectively cleans tooth surfaces without detrimentally abrading such surfaces, even at low levels of such biogenic silica additives. Such biogenic silica particles thus surprisingly accord beneficial properties within dentifrice compositions. Encompassed within this invention is the method of utilizing such biogenic silica products within dentifrices, either as the majority abrasive component, or in combination with any other type of commonly used abrasive material.

IPC 8 full level

A61Q 11/00 (2006.01)

CPC (source: EP)

A61K 8/25 (2013.01); **A61Q 11/00** (2013.01); **A61K 2800/28** (2013.01)

Citation (search report)

See references of WO 2007078630A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2007078630 A1 20070712; BR PI0620807 A2 20160830; CN 101351243 A 20090121; CN 101351243 B 20130710; EP 1973609 A1 20081001; JP 2009522262 A 20090611

DOCDB simple family (application)

US 2006047061 W 20061208; BR PI0620807 A 20061208; CN 200680050050 A 20061208; EP 06839261 A 20061208; JP 2008548540 A 20061208