

Title (en)  
PEROXIDISED POLYORGANOSILOXANES (POS), ONE OF THE METHODS FOR PREPARING THEM AND THEIR USE AS BLEACHING AGENT IN DENTAL COMPOSITIONS

Title (de)  
PEROXIDIERTE POLYORGANOSILOXANE, VERFAHREN ZU DEREN HERSTELLUNG UND DEREN ANWENDUNG ALS BLEICHMITTEL IN DENTALMASSE

Title (fr)  
POLYORGANOSILOXANES (POS) PEROXYDES, L'UN DE LEURS PROCEDES DE PREPARATION ET LEUR UTILISATION A TITRE D'AGENT DE BLANCHIMENT DANS DES COMPOSITIONS DENTAIRE

Publication  
**EP 1149123 B1 20040609 (FR)**

Application  
**EP 99973300 A 19991201**

Priority  

- FR 9902984 W 19991201
- FR 9815715 A 19981209

Abstract (en)  
[origin: US2005003995A1] The invention concerns polyorganosiloxanes (POS) grafted with peroxide functions and functions stabilizing the latter. Said stabilized peroxidised POS are designed to form a novel oxidizing system useful as bleaching agents, for example or dental or detergent compositions. The invention aims at and succeeds in providing peroxygenated bleaching agents more stable and more efficient than those known in prior art. The inventive stabilized and peroxidised POS correspond for example to the formula (a). The invention also concerns a method for making said peroxidised POS, the precursors thereof and their uses as bleaching agents in dental compositions (toothpaste or detergent compositions).

IPC 1-7  
**C08G 77/38**

IPC 8 full level  
**C11D 3/37** (2006.01); **C11D 3/39** (2006.01)

CPC (source: EP US)  
**C11D 3/373** (2013.01 - EP US); **C11D 3/3742** (2013.01 - EP US); **C11D 3/3788** (2013.01 - EP US); **C11D 3/3945** (2013.01 - EP US)

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**US 2005003995 A1 20050106**; AT E268793 T1 20040615; AU 1393300 A 20000626; DE 69917942 D1 20040715; DE 69917942 T2 20050630; EP 1149123 A1 20011031; EP 1149123 B1 20040609; ES 2223196 T3 20050216; FR 2787114 A1 20000616; FR 2787114 B1 20010216; US 6841645 B1 20050111; WO 0034360 A1 20000615

DOCDB simple family (application)  
**US 89805504 A 20040723**; AT 99973300 T 19991201; AU 1393300 A 19991201; DE 69917942 T 19991201; EP 99973300 A 19991201; ES 99973300 T 19991201; FR 9815715 A 19981209; FR 9902984 W 19991201; US 85757801 A 20010827