

Title (en)

ENAMEL PROTECTANT AND REPAIR TOOTHPASTE

Title (de)

SCHUTZMITTEL FÜR ZAHNSCHMELZ UND REPARATURZAHNPASTA

Title (fr)

PÂTE DENTIFRICE POUR LA PROTECTION ET LA RÉPARATION DE L'ÉMAIL

Publication

EP 3129000 A4 20171129 (EN)

Application

EP 15777496 A 20150410

Priority

- US 201414251220 A 20140411
- US 2015025391 W 20150410

Abstract (en)

[origin: WO2015157683A1] Substantially aqueous-free, enamel protectant and enamel repair toothpastes containing: stannous fluoride, calcium and a substantivity agent comprising: an emulsion of polydimethylsiloxane in a nonionic surfactant, wherein: (a) substantivity of said stannous fluoride and calcium into biofilm present on enamel is enhanced through calcium binding shifting from bidentate to monodentate in the presence of stannous fluoride; and (b) said toothpastes indicate substantially improved, enamel protectant factor (EPF) and enamel repair factor (ERF) values compared to fluoride brushing treatments with comparable or higher fluoride levels.

IPC 8 full level

A61Q 11/00 (2006.01); **A61K 8/19** (2006.01); **A61K 8/21** (2006.01); **A61K 8/24** (2006.01); **A61K 8/86** (2006.01)

CPC (source: EP)

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Citation (search report)

- [IY] WO 2008041055 A1 20080410 - PROCTER & GAMBLE [US], et al
- [XYI] WO 2013095366 A1 20130627 - COLGATE PALMOLIVE CO [US], et al
- [IY] EP 0868903 A2 19981007 - BASF CORP [US]
- [Y] US 5645841 A 19970708 - HILL IRA D [US], et al
- See references of WO 2015157683A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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