

Title (en)
DETERGENT COMPOSITION COMPRISING A DIMETHICONE COPOLYOL

Title (de)
DIMETHICONCOPOLYOL ENTHALTENDES WASCHMITTEL

Title (fr)
COMPOSITIONS DETERGENTES COMPRENANT DU COPOLYOL DE DIMETHICONE

Publication
EP 0799301 A4 19990818 (EN)

Application
EP 95944509 A 19951213

Priority
• GB 9425931 A 19941222
• US 9516673 W 19951213

Abstract (en)
[origin: WO9619563A1] A denture cleansing composition comprising an inorganic persalt bleaching agent, an effervescence generator and a dimethicone copolyol selected from alkyl- and alkoxy-dimethicone copolyols having formula (I), wherein X is selected from hydrogen, alkyl, alkoxy and acyl groups having from about 1 to about 16 carbon atoms, Y is selected from alkyl and alkoxy groups having from about 8 to about 22 carbon atoms, n is from about 0 to about 200, m is from about 1 to about 40, q is from about 1 to about 100, the molecular weight of the residue (C₂H₄O-)x(C₃H₆O-)yX is from about 50 to about 2000, and x and y are such that the weight ratio of oxyethylene:oxypropylene is from about 100:0 to about 0:100. The composition provides improved antiplaque, cleansing and anti-bacterial activity together with excellent physical and in-use performance characteristics.

IPC 1-7
C11D 3/395; **C11D 3/37**; **C11D 3/16**; **C11D 3/02**; **C11D 3/39**

IPC 8 full level
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Citation (search report)
• [A] US 5290555 A 19940301 - GUTHAUSER BERNADETTE [US], et al
• [A] DE 2158943 A1 19720629
• [A] EP 0102418 A1 19840314 - WARNER LAMBERT CO [US]
• [A] EP 0123525 A2 19841031 - WARNER LAMBERT CO [US]
• [A] US 4115293 A 19780919 - SCHOENHOLZ DANIEL, et al
• [A] DATABASE WPI Week 8219, Derwent World Patents Index; AN 82-38452E[19], XP002107069, "Medicated effervescent composition"
• See references of WO 9619563A1

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

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