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[54] ANTIBACTERIAL ANTIPLAQUE ANTICALCULUS ORAL COMPOSITION

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[*] Notice: The portion of the term of this patent subsequent to Jan. 16, 2007 has been disclaimed.

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Related U.S. Application Data

[60] Division of Ser. No. 657,885, Feb. 19, 1991, Pat. No. 5,180,578, which is a continuation of Ser. No. 398,605, Aug. 25, 1989, abandoned, which is a continuation-in-part of Ser. No. 346,258, May 1, 1989, Pat. No. 5,043,154, which is a continuation of Ser. No. 8,901, Jan. 30, 1987, abandoned.

[51] **Int. Cl.**[5] **A61K 7/16**; A61K 7/18

[52] **U.S. Cl.** **424/49**; 424/52; 424/57

[58] **Field of Search** 424/49–58

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[57] **ABSTRACT**

An oral composition such as a dentifrice, mouthwash, lozenge or chewing gum containing a polyphosphate anticalculus agent, such as tetraalkali metal pyrophosphate and antibacterial antiplaque agent compatible therewith. The antiplaque agent is a substantially water-insoluble noncationic antibacterial agent such as 2,4,4'-trichloro-2'-hydroxydiphenyl ether (Triclosan). Antiplaque effectiveness is optimized by the presence of an antibacterial-enhancing agent which enhances delivery of said antibacterial agent to, and retention thereof on, oral surfaces.

33 Claims, No Drawings