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(54) Title: SINGLE PHASE WHITENING DENTIFRICE

(57) Abstract: A single phase whitening dentifrice that includes (i) a whitening agent selected from the group consisting of hydrogen peroxide, a bound peroxide and a solid peroxide (ii) an abrasive and (iii) a substantially anhydrous orally acceptable carrier, for example, polyethylene glycol. The bound peroxide may be hydrogen peroxide and a polymer and/or any peroxide compound and a porous cross-linked polymer, such as polymers of polyvinyl pyrrolidone, polyacrylates, a polymethacrylates, and a polyitaconates. The solid peroxide may be sodium perborate or urea peroxide. The invention also provides methods of whitening the tooth surfaces by contacting the surface with the composition.



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