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(54) Title: COLOR STABLE PEROXIDE CONTAINING DENTIFRICE FORMULATIONS WITH DYE ENCAPSULATED SILICA SHELL NANOPARTICLES

(57) Abstract: A composition for minimizing color fading of an oral care composition is provided. The composition comprises: a) an organic dye-encapsulated silica shell nanoparticle matrix, b) a physiologically stable fluoride ion providing compound in an amount of about 0.1 % to about 1 % by weight, c) a peroxide species providing compound in an amount of about 1 % to about 20% by weight. The encapsulated silica shell dye nanoparticle stabilizes the color against degradation in the presence of peroxide and fluoride ions.



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