

Title (en)

A CHLOROPEROXIDASE ENZYME SYSTEM FOR GENERATING HYPOCHLOROUS ACID AND HYPOCHLORITE \$(IN SITU)

Title (de)

EIN CHLORPEROXIDASEENZYSYSTEM ZUR ERZEUGUNG UNTERCHLORIGER SÄURE UND HYPOCHLORITEN IN SITU

Title (fr)

SYSTEME D'ENZYME CHLOROPEROXYDASE DESTINE A PRODUIRE DE L'ACIDE HYPOCHLOREUX ET DE L'HYPOCHLORITE \$(IN SITU)

Publication

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Application

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Priority

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Abstract (en)

[origin: WO9842370A1] Compositions for generating hypochlorous acid and hypochlorite in situ and the use of same as bleaching agents and/or disinfectants are described. The inventive composition comprises an enzyme exhibiting chloroperoxidase activity, a hydrogen peroxide source, a chloride salt and an adhering agent which tends to localize the enzyme to the fabric or surface being treated. Hypochlorous acid and hypochlorite are advantageously formed at or near the desired site of action, resulting in proficient bleaching.

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