

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

EP 1005362 A4 20021009 (EN)

Application

EP 98910457 A 19980316

Priority

- US 9805225 W 19980316
- US 82379497 A 19970324
- US 97573197 A 19971121

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.

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

A01N 63/50 (2020.01 - EP US); **C11D 3/046** (2013.01 - EP US); **C11D 3/38654** (2013.01 - EP); **C11D 3/3942** (2013.01 - EP)

Citation (search report)

- [X] WO 9527046 A2 19951012 - UNILEVER NV [NL], et al
- [X] WO 9638548 A1 19961205 - EXOXEMIS INC [US], et al
- [X] EP 0500387 A2 19920826 - EXOXEMIS INC [US]
- [A] WO 8909813 A1 19891019 - NOVO INDUSTRI AS [DK]
- [E] WO 9902640 A1 19990121 - PROCTER & GAMBLE [US], et al
- See references of WO 9842370A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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