

Title (en)
IMPROVEMENTS IN OR RELATING TO GERMICIDAL COMPOSITIONS

Title (de)
VERBESSERUNGEN IN, ODER IN VERBINDUNG MIT KEIMTÖTENDEN ZUSAMMENSETZUNGEN

Title (fr)
AMELIORATIONS APORTEES AUX COMPOSITIONS GERMICIDES

Publication
EP 0652709 B1 19990317 (EN)

Application
EP 93916071 A 19930714

Priority

- GB 9301478 W 19930714
- GB 9215555 A 19920722
- GB 9222813 A 19921030
- GB 9304732 A 19930309

Abstract (en)
[origin: WO9402022A1] A surface germicidal composition comprises a dyestuff which is capable of photo-dynamic inactivation of micro-organisms. The dyestuff preferably generates singlet oxygen on exposure to light and is substantive to microorganisms, conveniently being selected from the group comprising Rose Bengal, Erythrosin B and phthalocyanin sulphonates. The composition may optionally include other ingredients such as one or more surfactants (for cleaning purposes) and/or one or more solvents.

IPC 1-7
A01N 61/00; **A01N 43/90**; **A01N 43/16**

IPC 8 full level
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CPC (source: EP KR)
C11D 3/40 (2013.01 - EP KR); **C11D 3/43** (2013.01 - EP KR); **C11D 3/48** (2013.01 - KR)

Citation (examination)

- S. P. Gorman in: Soc. for Appl. Bacteriol. Techn. Ser., (S. P. Denyer & W. B. Hugo (eds.)), p. 271-295, Oxford, 1991.
- M. R. W. Brown & P. Gilbert, J. Appl. Bacteriol. Symp. Suppl., Vol. 74, 87S - 97S (1993).
- D. S. Dhaliwal et al., Lett. Appl. Microbiol., Vol. 15, 217 - 221 (1992).
- J. T. Holah et al., Lett. Appl. Microbiol., Vol. 11, 255 - 259 (1990).
- J. T. Patterson, J. Food Technol., Vol. 6, 63 - 72 (1971).
- P. Maris, Sci. Aliments., Vol. 12 (4), 721 - 728 (1992).

Designated contracting state (EPC)
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WO 9402022 A1 19940203; AU 4577493 A 19940214; BR 9306767 A 19981208; CA 2140896 A1 19940123; CN 1086255 A 19940504; CZ 14595 A3 19951018; DE 69324015 D1 19990422; DE 69324015 T2 19990805; EP 0652709 A1 19950517; EP 0652709 B1 19990317; ES 2130276 T3 19990701; HU 9500176 D0 19950328; HU T70688 A 19951030; JP 3133336 B2 20010205; JP H07509236 A 19951012; KR 100252797 B1 20000415; KR 950702386 A 19950729; PL 173758 B1 19980430; PL 307168 A1 19950515; SK 6495 A3 19950711; TW 272114 B 19960311

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