

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
10 August 2006 (10.08.2006)

PCT

(10) International Publication Number
WO 2006/081617 A1

(51) International Patent Classification:

A01N 25/10 (2006.01) A01N 25/34 (2006.01)
A01N 33/12 (2006.01) C08K 5/19 (2006.01)
C09D 129/04 (2006.01)

(21) International Application Number:

PCT/AU2006/000130

(22) International Filing Date: 2 February 2006 (02.02.2006)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

2005900444 2 February 2005 (02.02.2005) AU

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

— of inventorship (Rule 4.17(iv))

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: **BIOSTATIC POLYMER**

(57) **Abstract:** Methods and compositions effective for at least a week for prevention of microbial colony growth on a surface, for example an inanimate surface, where the surface is covered with a dry or substantially dry film formed from a composition comprising a polyvinyl alcohol and a quaternary ammonium compound. The film may be formed *in situ* by coating the surface with a solution or emulsion comprising a polyvinyl alcohol and a quaternary ammonium compound and then causing or allowing it to dry or substantially dry.

WO 2006/081617 A1