

Title (en)

COMPOSITION COMPRISING AN ACIDIC COPOLYMER AND AN ANTIMICROBIAL AGENT AND USE THEREOF

Title (de)

ZUSAMMENSETZUNG ENTHALTEND EIN SÄUERLICHEN COPOLYMER UND EINE ANTIMIKROBIELLE STOFF UND DESSEN VERWENDUNG

Title (fr)

COMPOSITION CONTENANT UN COPOLYMERE ACIDE ET UN AGENT ANTIMICROBIEN, ET SON UTILISATION

Publication

EP 1624755 A1 20060215 (EN)

Application

EP 04732135 A 20040511

Priority

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Abstract (en)

[origin: WO2004100664A1] A composition comprising: (i) an anti-microbial agent; and (ii) an acidic co-polymer of the Formula (1) wherein: [A] is of Formula (9), [B] is of Formula (10), and [C] is of Formula (12) wherein: [X] is of Formula (11), wherein [A], [B] and [C] may occur in any order; T is an optionally substituted substituent; L and G each independently is an optionally substituted linking group; R<1>, R<2> and R<3> are each independently H, optionally substituted C1-20-alkyl or optionally substituted C3-20-cycloalkyl; R<4> and R<5> are each independently H or C1-4-alkyl; q is 15 to 1000; p is 3 to 50; J is an optionally substituted hydrocarbyl group; F is an acidic substituent; b is 0, 1, or 2; m is 0 to 350; n is 1 to 75; v is 1 to 100; and w is 1 to 4; provided that at least one of R<4> and R<5> is H and provided that R<1>, R<2>, R<3>, T, L, J and G do not contain a basic group; and wherein the pKa value of the acidic substituent F on the monomer from which [C] is derived is less than 5.5.

IPC 1-7

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Citation (search report)

See references of WO 2004100664A1

Citation (examination)

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- JP S61258079 A 19861115 - TORAY INDUSTRIES

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