

Title (en)

POLYESTER POLYQUATERNARY COMPOUNDS, COMPOSITIONS CONTAINING THEM, AND USES THEREOF

Title (de)

POLYQUATERNÄRE POLYESTERDERIVATE, DIESE ENTHALTENDE ZUBEREITUNGEN UND VERWENDUNGEN DAVON

Title (fr)

COMPOSES DE POLYESTER POLYQUATERNAIRES, COMPOSITIONS LES RENFERMANT ET LEUR UTILISATION

Publication

**EP 1121341 A1 20010808 (EN)**

Application

**EP 98949809 A 19981013**

Priority

US 9821683 W 19981013

Abstract (en)

[origin: WO0021918A1] A composition comprising: (a) a compound of structural formula (1), wherein each of R\* and R\*\* is independently a linear, branched or cyclic alkylene group containing 2 to 12 carbon atoms, wherein no two nitrogen atoms are separated by fewer than 2 carbon atoms; each of A<1>, A<2>, A<3>, A<4>, and A<5> is independently a straight or branched alkylene containing 2 to 4 carbon atoms; each of R<1>, R<2>, R<3>, R<4>, and R<5> is independently -H or R<A>C(O)- wherein R<A> is straight or branched alkyl or alkenyl containing 7 to 21 carbon atoms and 0 to 4 carbon-carbon double bonds; provided that at least one of R<1>, R<2>, R<3>, R<4>, or R<5> is R<A>C(O)-; each of Q<1>, Q<2> and Q<3> is independently -H, -CH<sub>3</sub>, -C<sub>2</sub>H<sub>5</sub>, -C<sub>3</sub>H<sub>7</sub>, -C<sub>4</sub>H<sub>9</sub>, benzyl, -CH<sub>2</sub>COOH, or CH<sub>2</sub>COOA<->>; or, if R\* is a -CH<sub>2</sub>CH<sub>2</sub>- group, Q<1> and Q<3> together or Q<1> and Q<2> together may be a -CH<sub>2</sub>CH<sub>2</sub>- group to form a six-membered piperazine ring; or, if R\*\* is a -CH<sub>2</sub>CH<sub>2</sub>- group, Q<3> and Q<2> together may be a -CH<sub>2</sub>CH<sub>2</sub>- group to form a six-membered piperazine ring; m is 0 to 4; r is 0 to 2; each of v, w, x, y, and z is independently 1 to 8; i is 0 to 1, j is 0 to 1, and each k is 0 to 1, and the sum of (i+j+k) is 0 to 4; each A<-> is independently an anion as defined below; and n is the number of moles of A<-> needed to give the compound of structural formula (1) a zero net charge; and water, wherein the composition does not contain a significant amount of textile resin treating compounds or silicones.

IPC 1-7

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IPC 8 full level

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CPC (source: EP KR)

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