

Title (en)
DISPERSING AGENT FOR AQUEOUS PIGMENT PREPARATIONS

Title (de)
DISPERGIERMITTEL FÜR WÄSSRIGE PIGMENTPRÄPARATIONEN

Title (fr)
DISPERSANT POUR PREPARATIONS PIGMENTAIRES AQUEUSES

Publication
EP 1979417 A2 20081015 (DE)

Application
EP 07702645 A 20070110

Priority
• EP 2007000141 W 20070110
• DE 102006002800 A 20060120

Abstract (en)
[origin: DE102006002800A1] Aqueous pigment preparation comprises at least an organic and/or inorganic pigment; and at least a dispersant, which is two or more phenol compound (I) that are bonded to the structural unit Y 1>. Aqueous pigment preparation comprises at least an organic and/or inorganic pigment; and at least a dispersant, which is two or more phenol compound of formula (I) that are bonded to the structural unit Y 1>. a, c : 1-100; b : 0-100; R 2an aliphatic, linear or branched 1-30C hydrocarbon; A : H or anions such as -SO 3M, -SO 2M, -PO 3M 2, -CH 2COOM or CH 2-C(O)-CH 2-CH(SO 3M)-C(O)-OM; M : H or cation such as Na +>, K +>, NH 4+>, ethanol ammonium, diethanolammonium or triethanolammonium, or secondary-, tertiary or quaternary alkyl substituted ammonium; and Y 1>a carbon containing structural unit that exhibits at least two bonding places for alkoxylation, and the bonding places are formed by one or more nitrogen atoms and/or oxygen atoms. Where a, b and c are arranged statistically or block-by-block. Independent claims are included for: (1) a method for dispersing at least an organic and/or inorganic pigment in water comprising mixing organic and/or inorganic pigment and aqueous dispersant; and (2) a dispersant containing two or more structural units of (I). [Image].

IPC 8 full level
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