

Title (en)
COMPOUNDS SUITABLE AS DISPERSION AGENT FOR PIGMENTS

Title (de)
ALS DISPERGIERMITTEL FÜR PIGMENTE GEEIGNETE VERBINDUNGEN

Title (fr)
COMPOSES POUVANT ETRE UTILISES COMME DISPERSANTS POUR PIGMENTS

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Abstract (en)
[origin: WO03048223A1] The invention relates to compounds suitable as dispersion agent for pigments, of general formulae (I) to (III): R<1>-X-[-CO-NH-R<2>-NH-CO-Y-R<3>-Y-]r-CO-NH-R2-NH-CO-X-R<1> (I); R<1>-X-[-CO-NH-R<2>-NH-CO-Y-R<3>-Y-]r-CO-NH-R<4> (II); R<1>-X-[-CO-NH-R<2>-NH-CO-Y-R<3>-Y-]r-CO-NH-R<2>-NH-CO-Z-R<5> (III), where R<1> = an alkyl-capped oligoalkylenoxide residue of general formula (IV): R<6>O-(-CH2-CH2-O-)a-(R<7>-O-)b- (IV), and X, Y and Z each = O or NH, R<2> = arylene or arylalkylene group on a diisocyanate, R<3>= alkylene, arylene or arylalkylene group on a diol or diamine, R<4>= alkyl, aryl or arylalkyl group on a monoisocyanate, R<5>= alkyl, aryl or arylalkyl on a monoalcohol or monoamine, R<6>= alkyl with 1 to 4 C atoms, R<7>= branched alkylene group with 3 to 8 C atoms, r = a rational number from 0 to 100, a = a whole number from 1 to 300 and b = a whole number from 0 to 30.

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