

Title (en)
COATING MATERIAL, METHOD FOR THE PRODUCTION AND USE THEREOF, FOR PRODUCING ADHESIVE, CORROSION-INHIBITING COATINGS

Title (de)
BESCHICHTUNGSSTOFF, VERFAHREN ZU SEINER HERSTELLUNG UND SEINE VERWENDUNG ZUR HERSTELLUNG HAFTFESTER, KORROSIONSHEMMENDER BESCHICHTUNGEN

Title (fr)
MATERIAU DE REVETEMENT, PROCEDE DE FABRICATION ET UTILISATION POUR LA FABRICATION DE REVETEMENTS ADHESIFS ANTICORROSION

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Application
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Abstract (en)
[origin: WO2006120134A1] The invention relates to liquid coating material, hardened with actinic radiation, completely or essentially free of organic solvents, comprising: (A) at least two compounds of general formula (I): X-O-Y(-OH)-Z-Gr, wherein the variables have the following designations: X represents an aromatic radical having 6 to 14 carbon atoms, a heterocyclic aromatic radical having 5 to 20 ring atoms or an alkyl radical having 6 to 30 carbon atoms; Y represents a trivalent organic radical; Z represents a coupling functional group; and Gr represents an organic radical with at least one group which can be activated by means of actinic radiation; provided that at least one of the at least two compounds (A) comprises an aromatic or heterocyclic aromatic radical X (= compound A1) and that at least one of the at least two compounds (A) has an alkyl radical X (= compound A2); (B) at least one acid corrosion-inhibiting pigment based on polyphosphoric acid; and (C) at least one component selected from the group of nanoparticles and electrically conductive pigments. The invention further relates to a method for the production and use thereof.

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