

Title (en)
COATING AGENTS CONTAINING ADDUCTS HAVING AN ALKOXYSILANE FUNCTIONALITY

Title (de)
BESCHICHTUNGSMITTEL ENTHALTEND ADDUKTE MIT ALKOXYSILANFUNKTIONALITÄT

Title (fr)
AGENT DE REVETEMENT CONTENANT DES PRODUITS D'ADDITION AYANT UNE FONCTIONNALITE D'ALCOXYSILANE

Publication
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Application
EP 05784381 A 20050903

Priority
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Abstract (en)
[origin: WO2006042585A1] The invention relates to coating agents that contain (A) at least 50 % by weight, based on the content in nonvolatile substances in the coating agent, of at least one compound (A1) having at least one reactive group of formula (I) $-NR-C(O)-N-(X-SiR''^x(OR')^3-x)_n(X'-SiR''^y(OR')^3-y)_m$ (I), wherein R = hydrogen, alkyl, cycloalkyl, aryl or aralkyl, whereby the carbon chain may be interrupted by non-vicinal oxygen, sulfur or Nra groups, with Ra = alkyl, cycloalkyl, aryl or aralkyl, R' = hydrogen, alkyl, cycloalkyl, aryl or aralkyl, whereby the carbon chain may be interrupted by non-vicinal oxygen, sulfur or Nra groups, X, X' = linear and/or branched alkylene or cycloalkylene group having 2 to 20 carbon atoms, R'' = alkyl, cycloalkyl, aryl, or aralkyl, whereby the carbon chain may be interrupted by non-vicinal oxygen, sulfur or Nra groups, n = 0 to 2, m = 0 to 2, m+n = 2, and x,y = 0 to 2, (B) a catalyst for cross-linking the $-Si(OR')^3-x(y)$ units, and (C) an aprotic solvent or a mixture of aprotic solvents.

IPC 8 full level
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