

Title (en)
INTEGRATED COATING SYSTEM BASED ON COATING MATERIALS THAT CONTAIN SOLVENTS AND CAN BE CURED WITH UV-A RADIATION, METHOD FOR ITS PRODUCTION AND USE THEREOF

Title (de)
INTEGRIERTES BESCHICHTUNGSSTOFFSYSTEM AUF DER BASIS VON MIT UV-A-STRAHLUNG HÄRTBAREN, LÖSEMITTELHALTIGEN BESCHICHTUNGSSTOFFEN, VERFAHREN ZU SEINER HERSTELLUNG UND SEINE VERWENDUNG

Title (fr)
SYSTEME DE SUBSTANCES DE REVETEMENT INTEGRE A BASE DE SUBSTANCES DE REVETEMENT CONTENANT DES SOLVANTS ET DURCISSABLES PAR RAYONNEMENT UV-A, PROCEDE DE PRODUCTION ET UTILISATION DE CE SYSTEME

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Abstract (en)
[origin: WO2006097385A1] The invention relates to an integrated coating system comprising (I) at least one coating system that is devoid of covering pigments, contains a solvent and can be cured thermally or thermally and with UV-A radiation. Said system contains (I.1) at least one separate component that is devoid of isocyanates and comprises isocyanate-reactive functional groups and (I.2) at least one separate component that is devoid of isocyanate-reactive functional groups and contains isocyanate groups, whereby none of the components (I.1) and (I.2) or at least one of said components (I.1) and/or (I.2) has a constituent that can be cured with UV-A radiation. The system also comprises (II) at least one separate coating material that is devoid of covering pigments and isocyanate groups, contains solvents and isocyanate-reactive functional groups and can be cured with UV-A radiation. According to the invention, the constituents that can be cured with UV-A radiation are combined with at least one colourless or essentially colourless photo initiator, whose maximum absorption lies in the wavelength range $\lambda = 300$ to 400 nm. The invention also relates to a method for producing said system and to the use of the latter.

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