

Title (en)  
METHOD FOR FORMING REACTIVE COATINGS

Title (de)  
VERFAHREN ZUR AUSBILDUNG VON REAKTIVEN BESCHICHTUNGEN

Title (fr)  
PROCEDE DE FORMATION DE REVETEMENTS REACTIFS

Publication  
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Application  
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Abstract (en)  
[origin: WO2004056910A1] The invention relates to a method for forming coatings on an inorganic or organic substrate, in addition to substrates that have been coated according to said method. The invention is characterised in that a) the inorganic or organic substrate is exposed to a low-temperature plasma, a corona discharge, an intense irradiation and/or a flame-treatment, b) 1.) at least one activatable initiator or 2.) at least one activatable initiator and at least one ethylenically unsaturated compound in the form of melts, solutions, suspensions or emulsions is/are applied to the inorganic or organic substrate, whereby at least one group, which interacts with a subsequently applied coating as an adhesion promoter or reacts with groups contained in said coating, is incorporated into the activatable initiator and/or the ethylenically unsaturated compound c) the coated substrate is heated and/or irradiated with electromagnetic waves and an adhesion-promoter layer is formed, d) the substrate that has been pre-treated in this manner is provided with an additional coating containing reactive groups that react with the groups in the adhesion-promoter layer and/or that interact with said layer.

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