

Title (en)  
UV-CURABLE COATING COMPOSITION

Title (de)  
UV-HÄRTBARE BESCHICHTUNGSZUSAMMENSETZUNG

Title (fr)  
COMPOSITION DE REVÊTEMENT SÉCHANT PAR RAYONNEMENT ULTRAVIOLET

Publication  
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Application  
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- EP 13153700 A 20130201
- EP 13153704 A 20130201
- EP 13165170 A 20130424
- EP 13165168 A 20130424
- EP 13172336 A 20130617
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Abstract (en)  
[origin: WO2014118251A1] The present invention relates to a coating composition comprising: a) one or more aliphatic polymer precursors selected from the components A.1 and optionally A.2: A.1) aliphatic oligomers that comprise urethane or ester bonds and at least two acrylate functions per molecule, or mixtures of such oligomers, and A.2) aliphatic reactive diluents with at least two acrylate groups per molecule, or mixtures of such reactive diluents, b) optionally one or more finely divided inorganic compounds, c) an organic UV absorber, d) optionally a HALS free radical scavenger; e) optionally one or more flow control agents, f) optionally one or more solvents, and g) a photoinitiator. The invention further relates to a method for coating a substrate, to the resulting coated substrates and to the use of the coated substrates. UV absorbers C) are those according to formula (Ia) and (Ib),  $B-X-O-C(=O)-C(R)=CH_2$  (formula (Ib)), wherein B is (I).

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See references of WO 2014118251A1

Citation (examination)

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- WO 2014118116 A1 20140807 - BAYER MATERIALSCIENCE AG [DE]

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