

Title (en)
THERMOFORMABLE AND SCRATCH-RESISTANT PHOTOPOLYMER COATINGS

Title (de)
THERMOFORMBARE UND KRATZFESTE PHOTOPOLYMERE BESCHICHTUNGEN

Title (fr)
VERNIS PHOTOPOLYMÈRES THERMOFORMABLES ET ANTI-RAYURES

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EP 17793999 A 20171011

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Abstract (en)
[origin: WO2018069644A1] The present invention relates, in particular, to a coating composition, cross-linkable under the action of UV-visible radiation, which has the advantage of being thermoformable and having excellent scratch and abrasion resistant properties. The present invention also relates to a method for preparing a thermoformable coating, resistant to scratches and abrasion, comprising the cross-linking of a composition according to the invention under the action of UV-visible radiation. The present invention also relates to a method for protecting a substrate against scratches and abrasion, preferably said substrate being thermoformable or thermodrapable. The present invention also relates to a coated article, resistant to scratches and abrasion, preferably a thermoformable or thermodrapable coated article that can be obtained by a method according to the invention, as well as the use of a composition according to the invention to protect a possibly thermoformable or thermodrapable substrate against scratches and abrasion. The present invention also relates to the use of a composition according to the invention for preparing thermoformable coatings, resistant to scratches and abrasion. The present invention further relates to a thermoformable coating, resistant to scratches and abrasion, characterised in that it results from cross-linking under the action of UV-visible radiation at least one composition according to the invention.

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