

Title (en)

Method for adjusting various shine levels of radiation cured varnishes and use of same

Title (de)

Verfahren zur Einstellung verschiedener Glanzgrade bei strahlengehärteten Lacken und deren Verwendung

Title (fr)

Procédé de réglage de différents degrés de brillance pour laques durcies par radiation et leur utilisation

Publication

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Application

**EP 12182410 A 20120830**

Priority

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Abstract (en)

The method involves providing a coating formulation comprising a UV-curable binder, a reactive diluent and a photo-initiator in a layer having preset thickness. The coating formulation is transported on a conveyor system with a belt speed under suspension of short-wave UV radiation by a radiation source. The gloss levels of obtained coatings are measured. The correlation curve is created by plotting the short-wave UV radiation dose to the degree of gloss. The desired gloss level is selected and the necessary short-wave UV radiation dose is determined using the correlation curve.

Abstract (de)

Die Erfindung betrifft ein Verfahren zur Einstellung verschiedener Glanzgrade bei strahlengehärteten Lacken, die daraus resultierenden strahlengehärteten Lacke mit unterschiedlichen Glanzgraden, dafür geeignete strahlenhärtbare Lackformulierungen, und die Verwendung der resultierenden Lacke zum Modifizieren, z.B. Beschichten oder graduellen Mattieren von Oberflächen von Substraten wie beispielsweise Kunststoffplatten oder -folien insbesondere Polycarbonat und/oder Polyesterplatten oder -folien.

IPC 8 full level

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