

Title (en)

Method for determining the temperature of predrying of an electrodeposition paint

Title (de)

Verfahren zur Bestimmung der Vortrocknungstemperatur eines Elektrotauchlacks

Title (fr)

Procédé pour la détermination de la température de preséchage d'un vernis d'électrodéposition

Publication

EP 1333940 A2 20030813 (DE)

Application

EP 01988632 A 20011019

Priority

- DE 10052438 A 20001023
- EP 0112102 W 20011019

Abstract (en)

[origin: US2004094425A1] A process for producing a multicoat system on a substrate, in which a) an electrodeposition coating film is deposited on the substrate, b) the electrodeposition coating film is predried by heating to a predrying temperature for a predetermined period, c) a coat of a surfacer is applied to the electrodeposition coating film, and d) the electrodeposition coating film and the coat of the surfacer are baked together at elevated temperatures, and in which the predrying temperature in step b) is equal to the temperature (Tp) or lies above the temperature (Tp) at which the loss factor tandelta, which is the quotient formed from the loss modulus E" and the storage modulus E', of the unbaked electrodeposition coating material shows a maximum, and the use of the resulting multicoat system.

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IPC 8 full level

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