

Title (en)

Method and apparatus for curing radically polymerisable coatings.

Title (de)

Verfahren und Vorrichtung zur Härtung von radikalisch polymerisierbaren Beschichtungen

Title (fr)

Procédé et dispositif de durcissement de revêtements polymérisables par voie radicalaire

Publication

EP 1593919 A3 20060405 (DE)

Application

EP 05004397 A 20050301

Priority

DE 102004017047 A 20040402

Abstract (en)

[origin: EP1593919A2] The method for the hardening of radically polymerizable coatings of foil substrates (1) by at least one radiation source (5) entails forming at least two radiation zones and at least two shadow zones on the coating of the substrate and initiating in the coating the radical chain polymerization in the radiation zones. With a constant speed of passage the passage duration of the substrate under the shadow zones corresponds at least to the passage duration of the substrate under the radiation zones. An independent claim is included for a device for the execution of the aforesaid method which includes a diaphragm system (6) in or above the outlet opening of a radiation source and provided with at least three diaphragm openings.

IPC 8 full level

F26B 3/28 (2006.01)

CPC (source: EP)

F26B 3/28 (2013.01)

Citation (search report)

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EP2503841A3; WO2011054578A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1593919 A2 20051109; EP 1593919 A3 20060405; DE 102004017047 A1 20051020; DE 102004017047 B4 20070516

DOCDB simple family (application)

EP 05004397 A 20050301; DE 102004017047 A 20040402