

Title (en)

Process and apparatus for drying lacquer and base material layers

Title (de)

Verfahren und Einrichtung zum Trocknen von Lack- und Grundmaterialschichten

Title (fr)

Procédé et dispositif de séchage de couches de vernis et d'un matériau de base

Publication

EP 0656514 B1 19980617 (DE)

Application

EP 94890192 A 19941122

Priority

AT 243793 A 19931201

Abstract (en)

[origin: US5623770A] In order to dry and cure a coating based on a water dilutable system, heat is supplied to the coating using an infrared radiator (1). In order to accelerate evaporation of the water, an air flow aligned perpendicularly to the infrared radiation is produced between the article on which the coating is applied, and the infrared radiator (1), using a fan (2). The power of the infrared radiator (1) and/or that of blower (2) can be changed in the course of drying and curing.

IPC 1-7

F26B 3/30

IPC 8 full level

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CPC (source: EP US)

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Cited by

DE102015205338A1; DE19857045A1; DE19857045C2; EP2466237A3; US9841234B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

US 5623770 A 19970429; AT 403518 B 19980325; AT A243793 A 19970715; AT E167565 T1 19980715; DE 59406269 D1 19980723; DE 9417356 U1 19950316; EP 0656514 A1 19950607; EP 0656514 B1 19980617; WO 9515471 A1 19950608

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US 35267394 A 19941130; AT 243793 A 19931201; AT 9400180 W 19941130; AT 94890192 T 19941122; DE 59406269 T 19941122; DE 9417356 U 19941028; EP 94890192 A 19941122