

Title (en)

Process for making multilayer coatings using a radically or cationically polymerisable clear coat.

Title (de)

Verfahren zur Herstellung von Mehrschichtlackierungen unter Verwendung von radikalisch und/oder kationisch polymerisierbaren Klarlacken.

Title (fr)

Procédé pour la fabrication de revêtement multicouche avec l'utilisation d'une laque transparente polymérisable radicalairement ou cationiquement.

Publication

EP 0540884 B1 19950628 (DE)

Application

EP 92116937 A 19921003

Priority

DE 4133290 A 19911008

Abstract (en)

[origin: US5486384A] Process for producing a multi-layer lacquer coating by the application of a coat of clear lacquer including coating agents which are curable exclusively by polymerization in radicalic and/or cationic manner to a dried or crosslinked colored and/or effect-producing basecoat film process is performed in light having a wavelength of over 550 nm or subject to the exclusion of light. The application step is followed by initiation or implementation of curing of the clear-lacquer film by high-energy radiation. The process is particularly suitable for producing multi-layer lacquer coatings in the automobile industry.

IPC 1-7

B05D 3/06; **B05D 7/16**; **B05D 7/00**

IPC 8 full level

B05D 3/06 (2006.01); **B05D 7/00** (2006.01); **B05D 7/14** (2006.01); **B05D 7/16** (2006.01); **B05D 7/24** (2006.01); **C08F 2/46** (2006.01); **C09D 4/00** (2006.01); **C09D 5/00** (2006.01); **B05D 3/02** (2006.01)

CPC (source: EP KR US)

B05D 1/36 (2013.01 - KR); **B05D 3/067** (2013.01 - EP US); **B05D 7/536** (2013.01 - EP US); **B05D 3/0254** (2013.01 - EP US)

Cited by

DE102008014717A1; DE19857941C2; DE19921223A1; DE102007060105A1; EP2047916A3; DE19709560C1; DE19964282B4; DE19709467C1; US6991833B2; DE19736083A1; DE10352447A1; DE19751479A1; DE19751481A1; DE19958726A1; DE19958726B4; DE19751478A1; DE102004044534A1; DE102004044534B4; DE19857940C1; DE102010013342A1; US7855266B2; US6716891B1; US6261645B1; US6822038B1; WO9908802A3; WO0073395A1; WO0216461A1; WO9840170A1; EP1512467A1; US8147923B2; US6677045B1; DE102014007805A1; EP1897894A1; DE102014013600A1; US6488993B2; US7932317B1; DE102009048824A1; WO2005047401A2; US6855785B2; US7091256B2; DE102008054283A1; US7105206B1; US7915321B2; EP2047916A2; US6583214B1; US6333077B1; US7563831B2; WO0132321A3; WO0139897A3; DE102008017356A1; US7089686B2; US7863583B2; US9243151B2; EP1181337B1; EP2071260A1; EP1032476B2

Designated contracting state (EPC)

AT BE DE ES FR GB IT NL SE

DOCDB simple family (publication)

US 5486384 A 19960123; AT E124299 T1 19950715; CA 2079498 A1 19930409; DE 4133290 A1 19930415; DE 59202711 D1 19950803; EP 0540884 A1 19930512; EP 0540884 B1 19950628; ES 2076643 T3 19951101; JP H05222319 A 19930831; KR 930007519 A 19930520

DOCDB simple family (application)

US 14802593 A 19931105; AT 92116937 T 19921003; CA 2079498 A 19920930; DE 4133290 A 19911008; DE 59202711 T 19921003; EP 92116937 A 19921003; ES 92116937 T 19921003; JP 27009592 A 19921008; KR 920018363 A 19921007