

Title (en)

METHOD FOR PRODUCING A COLOR- AND/OR EFFECT-PRODUCING MULTILAYER COATING, IN WHICH THE COLOR-FORMING COATING COMPOUND CONTAINS A SUBSTITUTED CYCLOHEXANOL IN ORDER TO REDUCE THE NUMBER OF PINHOLES

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER FARB-UND/ODER EFFEKTGEBENDEN MEHRSCHICHTIGEN LACKIERUNG, WOBEI DIE FARBILDENDE BESCHICHTUNGSZUSAMMENSETZUNG EIN SUBSTITUIERTES CYCLOHEXANOL ENTHÄLT ZUR VERMINDERUNG DER NADELSTICHANZAHL

Title (fr)

PROCÉDÉ DE FABRICATION D'UNE PEINTURE MULTICOUCHE COLORANTE ET/OU À EFFET, LA COMPOSITION DU REVÊTEMENT PRODUISANT UNE COLORATION CONTENANT UN CYCLOHEXANOL SUBSTITUÉ POUR RÉDUIRE LE NOMBRE DE PIQÛRES

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Application

EP 11725699 A 20110608

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Abstract (en)

[origin: WO2012004075A1] The invention relates to a method for producing a color- and/or effect-producing multilayer coating, wherein (1) a pigmented aqueous base coating is applied onto a substrate, (2) a polymer film is formed from the coating that is applied in step (1), (3) a clear coating is applied onto the base coating layer that is thus obtained, and then (4) the base coating layer is cured together with the clear coating layer. The method according to the invention is characterized in that a pigmented aqueous base coating is used in step (1), said base coating containing at least one cyclohexanol that is substituted in the 2- and 5-position and/or at least one cyclohexanol that is substituted in the 3- and 5-position and/or at least one monosubstituted cyclohexanol. The substituents are optionally branched alkyl groups with 1 to 5 C atoms and can consist of a bridged isopropylene group in the case of a substitution in the 2- and 5-position. The substituted cyclohexanol or the mixture of substituted cyclohexanols is present in a quantity of 0.1 to 5 wt.% with respect to the weight of the aqueous base coating that is applied in step (1).

IPC 8 full level

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Citation (search report)

See references of WO 2012004075A1

Citation (examination)

- DE 10257377 A1 20040708 - BASF COATINGS AG [DE]
- DE 10100195 A1 20020801 - BASF COATINGS AG [DE]
- STOYE D ET AL: "Paints Coatings and Solvents passage", 1 January 1998, PAINTS, COATINGS AND SOLVENTS, WEINHEIM, VCH; DE, PAGE(S) 1 - 51, ISBN: 978-3-527-28863-2, XP003029669

Citation (third parties)

Third party :

- DE 10257377 A1 20040708 - BASF COATINGS AG [DE]
- DE 10100195 A1 20020801 - BASF COATINGS AG [DE]
- STOYE D. ET AL: "Paints, Coatings and Solvents", 1998, pages: 327 - 373, XP003029669

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