

Title (en)
METHOD FOR PRODUCING A MULTI-COAT COLOUR AND/OR EFFECT PAINT SYSTEM, THE COLOUR-FORMING COATING COMPOSITION COMPRISING A KETONE FOR REDUCING THE PINHOLE COUNT

Title (de)
VERFAHREN ZUR HERSTELLUNG EINER FÄRB- UND/ODER EFFEKTGEBENDEN MEHRSCICHTIGEN LACKIERUNG WOBEI DIE FARBBILDENDE BESCHICHTUNGSZUSAMMENSETZUNG EIN KETON ENTHÄLT ZUR VERMINDERUNG DER NADELSTICHANZAHL

Title (fr)
PROCÉDÉ DE MISE EN PEINTURE À PLUSIEURS COUCHES CHROMATIQUES ET/OU À EFFET, LA COMPOSITION DE LA COUCHE CHROMATIQUE CONTENANT UNE CÉTONE POUR DIMINUER LE NOMBRE DE PIQÛRES

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Application
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Abstract (en)
[origin: WO2012000735A1] The present invention relates to a method for producing a multi-coat colour and/or effect paint system, by (1) applying a pigmented aqueous basecoat material to a substrate, (2) forming a polymer film from the coating material applied in stage (1), (3) applying a clearcoat material to the resulting basecoat film, and subsequently (4) curing the basecoat film together with the clearcoat film. The method of the invention is characterized in that in stage (1) a pigmented aqueous basecoat material is used which comprises at least one ketone of the general formula R1-(C=O)-R2, the ketone being present in an amount of 0.1% to 5% by weight, based on the weight of the coating material, and R1 represents an optionally substituted aliphatic or cycloaliphatic radical having 1 to 10 C atoms, and R2 represents an optionally substituted aliphatic or cycloaliphatic radical having 1 to 10 C atoms, and the sum of the C atoms present in R1 and R2 is at least 5 C atoms.

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Citation (search report)
See references of WO 2012000735A1

Citation (third parties)
Third party :
• EP 0632076 A2 19950104 - HERBERTS & CO GMBH [DE]
• EP 1358278 B1 20060816 - BASF COATINGS AG [DE]
• US 2009252879 A1 20091008 - YUKAWA YOSHIYUKI [US], et al
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