

Title (en)

METHOD FOR THE PRODUCTION OF COLOUR- OR EFFECT-GIVING MULTILAYER COATINGS

Title (de)

VERFAHREN ZUR HERSTELLUNG FARB- UND/ODER EFFEKTGEBENDER MEHRSCHICHTLACKIERUNGEN

Title (fr)

PROCÉDÉ DE PRODUCTION DE PEINTURES MULTICOUCHE DE COULEUR ET/OU À EFFET DÉCORATIF

Publication

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Application

EP 07785874 A 20070629

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Abstract (en)

[origin: WO2008000509A2] The invention relates to a method for the production of colour- or effect-giving multilayer coatings, comprising a colour- or effect-giving base coat (A) and a transparent lacquer coat (B), by means of a wet-in-wet method using a colour- and/or effect-giving coating material (A) and a transparent coating material (B). The coating material (A) is produced from an aqueous structurally viscous free powder dispersion (A1), hardened by radical polymerisation and free of volatile organic components, comprising separately produced solid and/or highly viscous particles (A11) dimensionally stable under storage and application conditions as disperse phase with a particle size Z-mean of 80 to 759 nm as measured by photon correlation spectroscopy, a radically cross-linkable binder (A111) with a glass transition temperature of -70 to +500C, a fraction of olefinically unsaturated double bonds of 2 to 10 equ./kg and a fraction of acid groups of 0.05 to 15 equ./kg in an amount of 50 to 100 wt. %, based on (A) and homogenising the above, the remaining components (A2) of the coating material (A) and homogenising the resulting mixture (A).

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Citation (search report)

See references of WO 2008000509A2

Citation (examination)

- DE 10027291 A1 20011213 - BASF COATINGS AG [DE]
- DE 4437535 A1 19960425 - BASF LACKE & FARBEN [DE]

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