

Title (en)  
AQUEOUS FUNCTIONAL COATING MATERIAL AND INTEGRATED METHOD FOR PRODUCTION OF COLOURED OR EFFECT-GENERATING MULTI-LAYER COATINGS

Title (de)  
WÄSSRIGE FUNKTIONS-BESCHICHTUNGSTOFFE UND INTEGRIERTES VERFAHREN ZUR HERSTELLUNG FARB- UND/ODER EFFEKTGEBENDER MEHRSCHICHTLACKIERUNGEN

Title (fr)  
MATIERES D'ENDUCTION FONCTIONNELLES AQUEUSES ET PROCEDE INTEGRE DE PRODUCTION DE PEINTURES MULTICOUCHES PRODUISANT UNE COULEUR ET / OU UN EFFET

Publication  
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Application  
**EP 02730277 A 20020524**

Priority  
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• EP 0205707 W 20020524

Abstract (en)  
[origin: WO02096572A2] Wet - in - wet method for production of coloured or effect-generating multi-layer coatings, whereby (1) aqueous functional coating materials are applied to a substrate, (2) the resulting layers are dried without full hardening, (3) the layers (2) are coated with aqueous single-coat paints, whereupon (4) the layers (2) and (3) are hardened together; or alternatively (3) the dried layers (2) are coated with water-based paints, (4) the coats (3) of water-based paints are coated with clear lacquer before completely hardening and (5) the layers (2), (3) and (4) are hardened together; or alternatively (3) the dried layers (2) are coated with water-based paint, (4) the layers (3) and (2) are hardened together, (5) the water-based paint is covered with clear lacquer and (6) the clear lacquer hardened separately, whereby an aqueous functional coating material is used, comprising (A) at least one binder, (B) a separate, water-soluble and/or -dispersible cross-linking system, which partially or completely cross-links internally in and/or on the matrix of the wet, drying and/or dry layer (2) from the aqueous functional coating material before the binder (A) completely cross-links and (C) at least one pigment.

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