

Title (en)

METHOD OF PRODUCING STRUCTURED COATINGS ON PLATIC SURFACES

Title (de)

VERFAHREN ZUR ERZEUGUNG VON STRUKTURIERTEN BESCHICHTUNGEN AUF KUNSTSTOFFOBERFLÄCHEN

Title (fr)

PROCEDE POUR LA PRODUCTION DE REVETEMENTS STRUCTURES SUR DES SURFACES EN MATIERE PLASTIQUE

Publication

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Application

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Abstract (en)

[origin: US5759630A] PCT No. PCT/EP94/01590 Sec. 371 Date Jan. 11, 1996 Sec. 102(e) Date Jan. 11, 1996 PCT Filed May 17, 1994 PCT Pub. No. WO94/28045 PCT Pub. Date Dec. 8, 1994The present invention relates to a process for the production of textured coatings on plastics surfaces using coating compositions based on hydroxyl group-containing binders and polyisocyanates, and using pulverulent texturing agents. The process is characterized in that, initially, a solution of the hydroxyl group-containing binder (I) is mixed with an elastic matting paste (A) comprising a1) from 12 to 25% by weight of a saturated hydroxyl group-containing polyester having a hydroxyl number of from 100 to 160 mg of KOH/g and a number-average molecular weight of from 800 to 2500, a2) from 1 to 4% by weight of a hydroxyl group-containing Cardura-modified acrylate copolymer having a hydroxyl number of from 30 to 250 mg of KOH/g and an acid number of from 0 to 50 mg of KOH/g, a3) from 0 to 3% by weight of cellulose ester, a4) from 35 to 60% by weight of organic solvent, a5) from 12 to 25% by weight of matting agents and if desired catalysts, wetting agents and, if desired, other auxiliaries and additives, the total weight of the elastic matting paste (A) being in each case 100% by weight, the elastic matting paste (A) being sieved if desired before or after being mixed with the solution of the hydroxyl group-containing binder (I), the mixture is subsequently mixed together with polyisocyanates (II) as crosslinking agents, other organic solvents if desired and with the pulverulent texturing agent, the resulting coating composition is applied to the plastics substrate, and the coating is dried.

IPC 1-7

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IPC 8 full level

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