

Title (en)

PROCESS FOR THE PRODUCTION OF A MULTI-LAYER COATING, WATER-DILUTABLE COATING COMPOSITIONS, WATER-DILUTABLE EMULSION POLYMERS AND PROCESS FOR THE PRODUCTION OF WATER-DILUTABLE EMULSION POLYMERS

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Application

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Priority

DE 3841540 A 19881209

Abstract (en)

[origin: WO9006186A1] The invention concerns a process for the production of multi-layer coatings, which uses a pigmented aqueous base coating composition containing a water-dilutable emulsion polymer as the film-forming material. The water-dilutable emulsion polymer is produced by two-stage emulsion polymerization. In the first stage, a polymer with a glass transition temperature (TG1?) of +30 to +110C is produced. In the second stage, a monomer mixture which, if polymerized alone, would give a polymer with a glass transition temperature (TG2?) of -60 to +20C is polymerized in the presence of the polymer produced in the first stage. The hydroxyl number of the emulsion polymer lies between 2 and 100.

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WO 9006186 A1 19900614; AU 4655089 A 19900626; AU 630645 B2 19921105; BR 8907816 A 19911022; CA 2004988 A1 19900609; CA 2004988 C 19990824; DE 3841540 A1 19900613; DE 58905068 D1 19930902; EP 0447428 A1 19910925; EP 0447428 B1 19930728; ES 2060136 T3 19941116; JP H04501737 A 19920326; JP H075860 B2 19950125; ZA 899023 B 19900829

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