

Title (en)

PROCESS FOR PRODUCING COATED PAPER AND CARDBOARD AND COATING COMPOSITION TO CARRY OUT THE PROCESS

Publication

**EP 0016465 B1 19820421 (DE)**

Application

**EP 80101472 A 19800320**

Priority

DE 2911679 A 19790324

Abstract (en)

[origin: US4495029A] A method for the coating of a raw paper or cardboard substrate wherein the substrate is prepared having a pH of less than about 6.5, and a coating is applied thereto composed of an aqueous dispersion of a plastic and an inorganic pigment, the coating having a pH of more than about 6.5 wherein the particles of the plastic in the dispersion have a non-cation-active charge and wherein the coating also contains a material which does not affect the preparation or storage stability of the coating, but which in the pH range below about 6.5 becomes highly cation-active, and then drying the thus applied coating. Using this method, the coating solidifies at the time of contact of the coating and the paper surface thereby minimizing penetration of the coating into the paper. As a result, improved coated papers are obtained.

IPC 1-7

**D21H 1/22**; **D21H 5/00**

IPC 8 full level

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CPC (source: EP US)

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