

Title (en)

PROCESS FOR THE PRODUCTION OF A COATED AND PRESSED CELLULOSIC FIBROUS FLAT SUBSTRATE, SUITABLE COATING COMPOSITIONS, THEIR PRODUCTION, THE COATED AND PRESSED SUBSTRATES AND THEIR USE AS SUBSTRATES FOR GRAPHIC PROCESSES

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES BESCHICHTETEN UND GEPRESSTEN CELLULOSEFASERHALTIGEN FLÄCHENGEBILDES, GEEIGNETE BESCHICHTUNGSMITTEL, DEREN HERSTELLUNG, DIE BESCHICHTETEN UND GEPRESSTEN FLÄCHENGEBILDE UND DEREN VERWENDUNG ALS SUBSTRAT FÜR GRAPHISCHE VERFAHREN

Title (fr)

PROCEDE POUR LA PRODUCTION D'UN SUBSTRAT PLAT FIBREUX CELLULOSIQUE COUCHE ET PRESSE, COMPOSITIONS DE REVETEMENT APPROPRIEES, LEUR PRODUCTION, SUBSTRATS AINSI COUCHES ET PRESSES ET LEUR UTILISATION COMME SUBSTRATS POUR TRAITEMENTS GRAPHIQUES

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Application

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Abstract (en)

[origin: WO0244470A1] The invention provides a process for the production of a coated and pressed cellulosic fibrous flat substrate of loose, optionally bonded fibers, by application of (M) an aqueous coating composition, containing a binder (B), a white pigment (W) and a dispersant (D), wherein at least a part of the white pigment (W) is (A) a particulate ammonium polyphosphate of crystalline form II of average particle size < 40 µm and with a water solubility < 10 g/l at 25 DEG C, to the face of the substrate and subjecting to pressure, in particular for the production of coated and pressed substrates of outstanding surface properties, particularly suitable for graphic processing, and of outstanding non-flammability properties, suitable coating compositions, their production, the coated and pressed substrates and their use as substrates for graphic processes, especially printing.

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