

Title (en)

TRANSFER MATERIAL FOR SUBLIMATION PRINTING BASED ON PAPER HAVING BARRIER FUNCTION AGAINST INKS

Title (de)

TRANSFERMATERIAL FÜR DEN SUBLIMATIONSDRUCK BASIEREND AUF PAPIER ALS TRÄGER MIT SPERRFUNKTION GEGENÜBER TINTEN

Title (fr)

MATIÈRE DE TRANSFERT POUR L'IMPRESSION PAR SUBLIMATION À BASE DE PAPIER COMME SUPPORT À FONCTION DE NON RÉCEPTION AUX ENCRE

Publication

**EP 4053333 C0 20240117 (DE)**

Application

**EP 21160232 A 20210302**

Priority

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Abstract (en)

[origin: WO2022184768A1] The invention relates to a transfer material for dye sublimation processes, comprising a base paper which is coated on one side with a color-receiving layer, wherein the base paper contains at least 1.5% by weight, based on the mass of the pulp, of a polymer dispersion selected from the group consisting of polyacrylates, polyesters, polyolefins or mixtures thereof. The invention further relates to a process for producing the transfer material according to the invention, comprising the steps of: (a) producing a base paper on a paper machine, wherein at least 1.5% by weight, based on the mass of the pulp, of a polymer dispersion selected from the group consisting of polyacrylates, polyesters, polyolefins or mixtures thereof are added to the pulp suspension during production of the base paper; (b) drying and smoothing the base paper; (c) applying the color-receiving layer to a surface of the base paper; and (d) drying the transfer material obtained in step (c). The invention further relates to a process for transferring an image onto a receiving material by sublimation, wherein a transfer material according to the invention is printed with an image by way of the ink jet printing process and the image is transferred onto a receiving material by sublimation.

IPC 8 full level

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