

Title (en)

PAPER TRANSPORTING FELT, PRESS APPARATUS OF PAPER MACHINE HAVING THE PAPER TRANSPORTING FELT

Title (de)

PAPIERTRANSPORTFILZ, PRESSVORRICHTUNG DER PAPIERMASCHINE MIT DEM PAPIERTRANSPORTFILZ

Title (fr)

FEUTRE DE TRANSPORT DE PAPIER, APPAREIL DE PRESSE DE MACHINE À PAPIER MUNIE DU FEUTRE DE TRANSPORT DE PAPIER

Publication

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Application

EP 05768671 A 20050729

Priority

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Abstract (en)

[origin: WO2006035549A1] A paper transporting felt (100) includes a base layer (11), a first batt layer (13A) formed on a wet paper side surface of the base layer, a second batt layer (13B) formed on a press side surface of the base layer, a wet paper contacting fibrous layer (15) including a plurality of split fibers split into fine fibers and a high polymer elastic material (25) impregnating gaps between the fine fibers, and formed on a wet paper side surface of the first batt layer so as to allow the fine fibers and the high polymer elastic material to come into direct contact with the wet paper, and a hydrophilic nonwoven fabric layer (23) disposed between the first batt layer and the wet paper contacting fibrous layer. In a surface of the wet paper contacting fibrous layer which comes into direct contact with the wet paper, the fine fibers are partially covered with the high polymer elastic material.

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