

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

**EP 1799904 A1 20070627 (EN)**

Application

**EP 05768671 A 20050729**

Priority

- JP 2005014368 W 20050729
- JP 2004284264 A 20040929

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.

IPC 8 full level

**D21F 7/08** (2006.01)

CPC (source: EP US)

**D21F 7/083** (2013.01 - EP US)

Citation (search report)

See references of WO 2006035549A1

Designated contracting state (EPC)

DE FI FR GB

DOCDB simple family (publication)

**WO 2006035549 A1 20060406; WO 2006035549 A8 20061012;** CN 101052764 A 20071010; EP 1799904 A1 20070627; JP 2006097181 A 20060413; JP 4522212 B2 20100811; US 2007240844 A1 20071018

DOCDB simple family (application)

**JP 2005014368 W 20050729;** CN 200580032938 A 20050729; EP 05768671 A 20050729; JP 2004284264 A 20040929; US 66226105 A 20050729