

Title (en)

Belt for a production machine for sheet material and method for manufacturing such a belt

Title (de)

Band für eine Maschine zur Herstellung von Bahnmaterial und Verfahren zur Herstellung eines derartigen Bands

Title (fr)

Bande pour une machine destinée à la fabrication de matériaux en bande et procédé de fabrication d'une telle bande

Publication

EP 2072669 B1 20170308 (DE)

Application

EP 08161410 A 20080730

Priority

US 1586307 P 20071221

Abstract (en)

[origin: EP2072669A1] The belt (10) has a fiber material with layers (20-26) having a polymer material for filling cavities formed between fibers of the fiber material, such that the polymer material forms a composite structure together with the fibers. The composite structure is permeable for fluid, and a large part of the polymer material is provided in a volume area, which is close to web material contact surfaces (28) of the fiber material. The 80 percentage of the polymer material are formed in a deep area of 20 percentage of the fiber material. An independent claim is also included for a method for manufacturing a belt for a web material manufacturing machine.

IPC 8 full level

D21F 1/00 (2006.01); **D21F 7/08** (2006.01)

CPC (source: EP US)

D21F 1/0036 (2013.01 - EP US); **D21F 7/083** (2013.01 - EP US); **Y10T 442/2861** (2015.04 - EP US)

Cited by

US8496785B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 2072669 A1 20090624; **EP 2072669 B1 20170308**; US 2009186544 A1 20090723

DOCDB simple family (application)

EP 08161410 A 20080730; US 33944908 A 20081219