

Title (en)

Drying belt for a condensation drying device

Title (de)

Trocknungsband für eine Kondensationstrocknungseinrichtung

Title (fr)

Bande de séchage pour un dispositif de séchage par condensation

Publication

EP 2141283 A3 20120425 (DE)

Application

EP 09163604 A 20090624

Priority

- DE 102008040065 A 20080702
- DE 102009001259 A 20090302

Abstract (en)

[origin: EP2141283A2] The fabric (1) has a woven base structure (2) to provide dimensional stability for the fabric. A fibrous nonwoven layer (5) is located on the structure, and provides water absorption capacity for the fabric. The layer provides the fabric with a web material contact side on an outer side (6) of the layer, where the outer side faces away from the structure. The layer has a polymer material (7) provided in an area of the outer side. The layer is compressed and smoothed in the area by hot-calendering above melting temperature of the polymer material. An independent claim is also included for a machine for producing and/or processing a fibrous web material.

IPC 8 full level

D21F 7/08 (2006.01); **D21F 5/00** (2006.01); **D21F 5/02** (2006.01)

CPC (source: EP US)

D21F 5/004 (2013.01 - EP US); **D21F 5/02** (2013.01 - EP US); **D21F 7/083** (2013.01 - EP US); **D21F 7/086** (2013.01 - EP US)

Citation (search report)

- [XY] WO 2007094207 A1 20070823 - ICHIKAWA CO LTD [JP], et al & EP 1985752 A1 20081029 - ICHIKAWA CO LTD [JP]
- [X] WO 2005098128 A1 20051020 - EMS CHEMIE AG [CH], et al
- [X] EP 1013822 A2 20000628 - VOITH FABRICS HEIDENHEIM GMBH [DE]
- [YD] DE 102006039102 A1 20080221 - VOITH PATENT GMBH [DE]
- [Y] DE 102004017808 A1 20051027 - VOITH PAPER PATENT GMBH [DE]
- [Y] EP 1586698 A1 20051019 - VOITH PAPER PATENT GMBH [DE]
- [Y] DE 102005000795 A1 20060713 - VOITH PAPER PATENT GMBH [DE]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 2141283 A2 20100106; **EP 2141283 A3 20120425**; US 2010000697 A1 20100107

DOCDB simple family (application)

EP 09163604 A 20090624; US 49614209 A 20090701