

Title (en)

INDUSTRIAL FABRIC INCLUDING SPIRALLY WOUND MATERIAL STRIPS WITH REINFORCEMENT

Title (de)

TECHNISCHES GEWEBE MIT SPIRALFÖRMIG GEWICKELTEN MATERIALBAHNEN MIT VERSTÄRKUNG

Title (fr)

TISSU INDUSTRIEL COMPORTANT DES BANDES DE MATÉRIAU ENROULÉES EN SPIRALE AVEC RENFORT

Publication

EP 2847379 A1 20150318 (EN)

Application

EP 13724690 A 20130509

Priority

- US 201213469966 A 20120511
- US 2013040364 W 20130509

Abstract (en)

[origin: WO2013170042A1] An industrial fabric such as an endless belt or sleeve for use in the production of nonwovens, and a method of making thereof are disclosed. The industrial fabric is produced by spirally winding strips (16) of polymeric material, such as an industrial strapping or ribbon material, and joining the adjoining sides of the strips (16) of material using ultrasonic welding or laser welding techniques. The fabric may then be perforated using a suitable technique to make it permeable to air and/or water.

IPC 8 full level

D21F 1/00 (2006.01); **D21F 3/02** (2006.01); **D21F 7/08** (2006.01)

CPC (source: CN EP RU)

D21F 1/00 (2013.01 - RU); **D21F 1/0072** (2013.01 - CN EP); **D21F 1/0081** (2013.01 - CN EP); **D21F 3/0227** (2013.01 - EP); **D21F 7/08** (2013.01 - EP); **D21F 7/083** (2013.01 - CN); **D21F 7/086** (2013.01 - CN EP)

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2013170042 A1 20131114; BR 112014027988 A2 20170627; BR 112014027988 B1 20211005; CA 2872784 A1 20131114; CN 104395524 A 20150304; EP 2847379 A1 20150318; EP 2847379 B1 20180725; EP 2847379 B2 20220302; ES 2690377 T3 20181120; ES 2690377 T5 20220531; IN 2267MUN2014 A 20150724; JP 2015516034 A 20150604; JP 6502250 B2 20190417; KR 20150020193 A 20150225; MX 2014013732 A 20150921; MX 362291 B 20190109; PL 2847379 T3 20181231; PL 2847379 T5 20220725; RU 2014144738 A 20160710; RU 2633270 C2 20171011; TW 201400663 A 20140101; TW I626346 B 20180611

DOCDB simple family (application)

US 2013040364 W 20130509; BR 112014027988 A 20130509; CA 2872784 A 20130509; CN 201380033662 A 20130509; EP 13724690 A 20130509; ES 13724690 T 20130509; IN 2267MUN2014 A 20141110; JP 2015511707 A 20130509; KR 20147034749 A 20130509; MX 2014013732 A 20130509; PL 13724690 T 20130509; RU 2014144738 A 20130509; TW 102116672 A 20130510