

Title (en)
PAPER MACHINE CLOTHING, METHOD FOR PRODUCING SAME, AND NONWOVEN FABRIC

Title (de)
BESPANNUNG UND VERFAHREN ZU DEREN HERSTELLUNG SOWIE FASERVLIES

Title (fr)
REVÊTEMENT ET PROCÉDÉ POUR LE FABRIQUER AINSI QUE NON-TISSÉ

Publication
EP 3688221 C0 20231115 (DE)

Application
EP 18773379 A 20180913

Priority
• DE 102017122668 A 20170929
• EP 2018074707 W 20180913

Abstract (en)
[origin: WO2019063302A1] The invention relates to a paper machine clothing for a machine for producing a fibrous web, in particular a paper, cardboard, tissue or cellulose pulp web, comprising a basic structure having an upper side, a running side and, at least on one side, a nonwoven support, wherein this nonwoven support has a functional zone, which extends over more than 50 µm in the thickness direction of the paper machine clothing and which comprises a first proportion and a second proportion of nonwoven fibres, the nonwoven fibres of the first proportion consisting of or comprising a polyurethane, in particular a thermoplastic polyurethane, whereas the nonwoven fibres of the second proportion consist of a polymer material that does not contain any polyurethane. According to the invention, the first proportion accounts for between 10% by weight and 60% by weight of the functional zone. The invention additionally relates to a production method and a suitable nonwoven fabric.

IPC 8 full level
D21F 7/08 (2006.01)

CPC (source: EP US)
D21F 7/08 (2013.01 - EP); **D21F 7/083** (2013.01 - EP US); **D21F 7/10** (2013.01 - US)

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

Participating member state (EPC – UP)
AT BE BG DE DK EE FI FR IT LT LU LV MT NL PT SE SI

DOCDB simple family (publication)
DE 102017122668 A1 20181031; CN 111164260 A 20200515; CN 111164260 B 20220208; EP 3688221 A1 20200805; EP 3688221 B1 20231115; EP 3688221 C0 20231115; US 11208764 B2 20211228; US 2020270811 A1 20200827; WO 2019063302 A1 20190404

DOCDB simple family (application)
DE 102017122668 A 20170929; CN 201880063674 A 20180913; EP 18773379 A 20180913; EP 2018074707 W 20180913; US 201816648302 A 20180913