

Title (en)

DRYER FABRIC, DRYING SECTION OF A PAPER MACHINE EQUIPPED WITH THE SAME AS WELL AS USE OF THE DRYER FABRIC IN THIS DRYING SECTION

Title (de)

TROCKENSIEB, DAMIT AUSGESTATTETE TROCKENPARTIE EINER PAPIERMASCHINE SOWIE VERWENDUNG DES TROCKENSIEBES IN DIESER TROCKENPARTIE

Title (fr)

TOILE DE SECHAGE, PARTIE SECHE D'UNE MACHINE A PAPIER COMPRENANT CELUI-CI ET UTILISATION DU TOILE DE SECHAGE DANS LADITE PARTIE SECHE

Publication

**EP 3121330 B1 20170816 (DE)**

Application

**EP 16172844 A 20160603**

Priority

DE 202015103812 U 20150720

Abstract (en)

[origin: CN106368044A] Dryer screen, drying section of a paper machine equipped with the same as well as use of the dryer screen in this drying section. The invention relates to a dryer screen for paper machines, comprising a fabric consisting of fabric threads (2 to 5; 7 to 10; 12 to 15; 22 to 25; 27 to 30; 32 to 39), a paper side and a machine face both having contact points and contact surfaces (16, 17; 40,41) formed by the fabric threads (2 to 5; 7-10; 12-15; 22-25; 27-30; 32-39). The contact surfaces are added in order to form a total contact surface on the contact surface portion on a total surface on the paper side and the machine side. The fabric finess index for the machine side (FFI-MS) and the fabric finess index for the paper side (FFI-PS) can be calculated according to the following formula from the contact surface portion, the number of contact points, and the fabric thickness, and the ratio of FFI-MS to FFI-PS is at least 1.25: 1, preferably at least 1.5: 1.

IPC 8 full level

**D21F 1/00** (2006.01)

CPC (source: CN EP)

**D21F 1/0027** (2013.01 - EP); **D21F 7/08** (2013.01 - CN); **D21F 7/083** (2013.01 - CN)

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

DOCDB simple family (publication)

**DE 202015103812 U1 20150812**; BR 102016015634 A2 20170124; BR 102016015634 B1 20220517; CN 106368044 A 20170201; CN 106368044 B 20180427; EP 3121330 A1 20170125; EP 3121330 B1 20170816; ES 2647131 T3 20171219; MY 175705 A 20200706; PT 3121330 T 20171003

DOCDB simple family (application)

**DE 202015103812 U 20150720**; BR 102016015634 A 20160704; CN 201610570693 A 20160719; EP 16172844 A 20160603; ES 16172844 T 20160603; MY PI2016702588 A 20160718; PT 16172844 T 20160603