

Title (en)

PAPER MACHINE WIRE HAVING FLOATS OF DIFFERENT LENGTH ON THE MACHINE SIDE

Title (de)

PAPIERMASCHINENSIEB, DESSEN LAUFSEITE QUERFÄDEN MIT UNTERSCHIEDLICHER FLOTTIERUNGSLÄNGE AUFWEIST

Title (fr)

TOILE POUR MACHINE A PAPIER AYANT DES FLOTTES DE LONGUEUR DIFFERENTE SUR LA FACE MACHINE

Publication

EP 2922995 A1 20150930 (DE)

Application

EP 14732100 A 20140602

Priority

- DE 102013108399 A 20130805
- EP 2014061360 W 20140602

Abstract (en)

[origin: WO2015018547A1] A sheet-forming wire which is configured as a multilayer fabric is disclosed. The lower fabric layer is formed from a multiplicity of identically constructed lower weave repeats, each of which contains longitudinal threads extending in the lower fabric layer, and lower cross threads, wherein the lower cross threads extend only in the lower fabric layer. In each particular lower weave repeat, the lower cross threads are tied into the lower fabric layer in each case by exactly two longitudinal threads extending in the lower fabric layer, in that each particular lower cross thread is run under by a first longitudinal thread at a first tying-in point (x) and is run under by a second longitudinal thread at a second tying-in point (x). In each particular lower weave repeat, the lower cross threads are in this case tied differently into the lower fabric layer, forming first lower cross threads (I) and second lower cross threads (II), wherein a shortest distance in the transverse direction between the first and second tying-in points is greater in the first lower cross threads than in the second lower cross threads, such that the first lower cross threads form a shorter float on the running side than the second lower cross threads.

IPC 8 full level

D21F 1/00 (2006.01)

CPC (source: EP US)

D21F 1/0036 (2013.01 - US); **D21F 1/0045** (2013.01 - EP US)

Citation (search report)

See references of WO 2015018547A1

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)

DE 102013108399 B3 20141127; BR 112015024947 A2 20170718; BR 112015024947 B1 20220315; CN 105189863 A 20151223; CN 105189863 B 20170929; EP 2922995 A1 20150930; EP 2922995 B1 20160413; ES 2582154 T3 20160909; JP 2016527405 A 20160908; JP 6060284 B2 20170111; KR 101626797 B1 20160602; KR 20150123973 A 20151104; PL 2922995 T3 20161031; PT 2922995 T 20160719; US 2016215451 A1 20160728; US 9605380 B2 20170328; WO 2015018547 A1 20150212

DOCDB simple family (application)

DE 102013108399 A 20130805; BR 112015024947 A 20140602; CN 201480025007 A 20140602; EP 14732100 A 20140602; EP 2014061360 W 20140602; ES 14732100 T 20140602; JP 2015563062 A 20140602; KR 20157030596 A 20140602; PL 14732100 T 20140602; PT 14732100 T 20140602; US 201414995930 A 20140602