

Title (en)

Papermaking fabric

Title (de)

Papiermaschinen Sieb

Title (fr)

Tissu pour machine à papier

Publication

**EP 1754820 A1 20070221 (DE)**

Application

**EP 06116124 A 20060627**

Priority

DE 102005039447 A 20050818

Abstract (en)

The device (100) has upper (101) and lower (102) textile layers whose outer sides form paper and machine sides respectively and binding fibers (B1-B16) connecting the layers. The layers are formed by the binding fibers interwoven with longitudinal fibers, whereby the weave of the lower layer weave pattern repeats. Each lower longitudinal fiber of a lower repeat pattern is held on the outside of the lower layer by at least four binding fibers, each of which crosses each lower longitudinal fiber on the outside of the lower layer.

IPC 8 full level

**D21F 1/00** (2006.01)

CPC (source: EP)

**D21F 1/0045** (2013.01)

Citation (applicant)

- EP 0432413 B1 19940629 - OBERDORFER F SIEBTECH GMBH [DE]
- DE 29724238 U1 20000803 - WEAVERX CORP [US]
- EP 1000197 B1 20020612 - WEAVERX CORP [US]
- US 2004149342 A1 20040805 - TROUGHTON BRIAN [GB]

Citation (search report)

[X] EP 1536060 A1 20050601 - VOITH FABRICS PATENT GMBH [DE]

Cited by

DE102013106327A1; DE102013106327B4; WO2011147650A1; WO2014202277A1; US9528223B2; US10060076B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

**EP 1754820 A1 20070221; EP 1754820 B1 20091202**; AT E450649 T1 20091215; DE 102005039447 A1 20070222; DE 502006005489 D1 20100114; ES 2337714 T3 20100428

DOCDB simple family (application)

**EP 06116124 A 20060627**; AT 06116124 T 20060627; DE 102005039447 A 20050818; DE 502006005489 T 20060627; ES 06116124 T 20060627