

Title (en)  
Papermaker's fabric, in particular press felt

Title (de)  
Papiermaschinenbespannung, insbesondere Pressfilz

Title (fr)  
Tissu pour papeterie, en particulier feutre de presse

Publication  
**EP 1333120 B1 20041027 (DE)**

Application  
**EP 02002433 A 20020201**

Priority  
EP 02002433 A 20020201

Abstract (en)  
[origin: EP1333120A1] A paper-making machine tautens and de-waters a wet web by the application of a felt press panel made up of a holding substrate and monofilic threads. The threads are especially of essentially circular cross section with helical fluted profiles. The helical monofilic threads may alternatively have core cross-sectional profiles which are oval, tri-lobed, polygonal, square, rectangular, clover-leafed and/or triangular. The thread has one or more fluted grooves distributed around the circumference. The transition between the ridge and groove may be rounded or defined by a sharp edge. The fluting is defined during the manufacturing process and are free of torsion in the felt press panel.

IPC 1-7  
**D21F 1/00**; **D21F 7/08**

IPC 8 full level  
**D21F 1/00** (2006.01); **D21F 7/08** (2006.01)

CPC (source: EP US)  
**D21F 1/0027** (2013.01 - EP US); **D21F 7/08** (2013.01 - EP US); **Y10S 162/90** (2013.01 - EP US); **Y10T 428/249922** (2015.04 - EP US); **Y10T 428/2925** (2015.01 - EP US); **Y10T 428/2976** (2015.01 - EP US); **Y10T 442/3098** (2015.04 - EP US); **Y10T 442/3114** (2015.04 - EP US); **Y10T 442/3122** (2015.04 - EP US); **Y10T 442/40** (2015.04 - EP US)

Cited by  
EP1813713A1; KR100851628B1; EP2392699A1; WO2004061168A3; DE102007024509A1; US7897017B2

DOCDB simple family (publication)  
**EP 1333120 A1 20030806**; **EP 1333120 B1 20041027**; CA 2416961 A1 20030801; CA 2416961 C 20061107; DE 50201402 D1 20041202; US 2003148687 A1 20030807; US 6875314 B2 20050405

DOCDB simple family (application)  
**EP 02002433 A 20020201**; CA 2416961 A 20030122; DE 50201402 T 20020201; US 35511703 A 20030131