

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