

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 A1 20030806 (DE)

Application
EP 02002433 A 20020201

Priority
EP 02002433 A 20020201

Abstract (en)
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.

Abstract (de)
Die Erfindung bezieht sich auf eine Papiermaschinenbespannung, insbesondere Preßfilz, mit einem Träger und mit Fäden, die als profilierte Monofile (1, 5, 6, 7, 8, 13, 18, 23, 24, 25) mit einem von einem kreisförmigen Querschnitt abweichenden Profil ausgebildet sind, welche dadurch gekennzeichnet ist, daß profilierte Monofile (1, 5, 6, 7, 8, 13, 18, 23, 24, 25) vorhanden sind, die schraubenförmig profiliert sind. <IMAGE>

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

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

CPC (source: EP US)
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• [XA] GB 1053282 A
• [XA] US 3158984 A 19641201 - BUTLER CLARENCE A
• [DA] EP 0466990 A1 19920122 - ALBANY INT CORP [US]
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