

Title (en)

Multi-layer fabric for paper making machines having an improved stability and permeability.

Title (de)

Gewobene, mehrlagige Papiermaschinenbespannung erhöhter Stabilität und Durchlässigkeit.

Title (fr)

Tissu à plusieurs couches pour machine à papier ayant une stabilité et une perméabilité améliorée.

Publication

EP 0211426 A2 19870225 (DE)

Application

EP 86110746 A 19860804

Priority

US 76303985 A 19850805

Abstract (en)

The multi-layer fabric for paper-making machines consists of interwoven longitudinal filaments (36, 46) and cross filaments (40a, b, c, d). The longitudinal filaments are arranged as pairs of two vertically aligned longitudinal filaments (36, 46, etc.). <IMAGE>

Abstract (de)

Die mehrlagige Papiermaschinenbespannung weist miteinander verwebte Längsfäden (36, 46) und Querfäden (40a, b, c, d) auf. Die Längsfäden sind als Paare von zwei vertikal fluchtenden Längsfäden (36, 46 usw.) angeordnet.

IPC 1-7

D21F 1/00

IPC 8 full level

D21F 1/00 (2006.01); **D21F 11/00** (2006.01)

CPC (source: EP US)

D21F 1/0036 (2013.01 - EP US); **D21F 11/006** (2013.01 - EP US); **Y10S 162/90** (2013.01 - EP US); **Y10S 162/902** (2013.01 - EP US); **Y10S 162/903** (2013.01 - EP US); **Y10T 428/24322** (2015.01 - EP US); **Y10T 428/24521** (2015.01 - EP US); **Y10T 428/2481** (2015.01 - EP US); **Y10T 442/164** (2015.04 - EP US); **Y10T 442/2139** (2015.04 - EP US); **Y10T 442/3065** (2015.04 - EP US); **Y10T 442/3089** (2015.04 - EP US); **Y10T 442/3114** (2015.04 - EP US); **Y10T 442/3203** (2015.04 - EP US); **Y10T 442/322** (2015.04 - EP US); **Y10T 442/3854** (2015.04 - EP US)

Cited by

US5411062A; USRE35966E; US5343896A; US5167261A; US5500277A; US5566724A; US5230371A; US5092373A; US5713396A; US5975148A; US6103067A; US5496624A; US5840411A; EP0284575A1; US5199467A; US5449026A; US5645112A; US5690149A; CN104278393A; US5238027A; US5103874A; US5148838A; EP0394134A1; FR2646181A1; EP0612881A1; EP0612882A1; EP0553501A3; US6368465B1; WO9951814A1; WO9301350A1; US6189577B1; WO9200414A1; WO9200416A1; WO9119044A1; WO9200415A1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0211426 A2 19870225; **EP 0211426 A3 19870527**; CA 1269025 A 19900515; US 5114777 A 19920519; US 5114777 B1 19950718; US 5114777 B2 19971118; US 5254398 A 19931019; US 5254398 B1 19971014; US 5857497 A 19990112

DOCDB simple family (application)

EP 86110746 A 19860804; CA 515026 A 19860730; US 76303985 A 19850805; US 88527692 A 19920518; US 8972193 A 19930709