

Title (en)

Papermaking fabric, in particular dryer felt

Title (de)

Papiermaschinenbespannung, insbesondere Trockensieb

Title (fr)

Toile pour machine à papier, en particulier toile de séchage

Publication

EP 0544167 B1 19960103 (DE)

Application

EP 92119517 A 19921114

Priority

DE 4137984 A 19911119

Abstract (en)

[origin: US5407737A] A paper machine cover with a textile web structure, e.g., a woven, knitted, or non-woven fabric, etc., is provided. The paper machine cover has flattened threads, whereby respectively the longer axis of the cross-section of these threads extends parallel to the plane of the paper machine cover. The flattened threads consist of monofilaments with an annular cross-section and/or multifilaments formed of individual filaments with an annular cross-section. The monofilaments or individual filaments of the multifilaments have an annular cross-section. These filaments are deformed plastically into the flattened cross-section at least in those areas where they extend parallel to the plane of the paper machine cover.

IPC 1-7

D21F 1/00

IPC 8 full level

D03D 15/00 (2006.01); **D21F 1/00** (2006.01)

CPC (source: EP US)

D03D 15/283 (2021.01 - EP US); **D03D 15/37** (2021.01 - EP US); **D03D 15/44** (2021.01 - EP US); **D21F 1/0027** (2013.01 - EP US); **D10B 2331/02** (2013.01 - EP US); **D10B 2331/04** (2013.01 - EP US); **D10B 2401/041** (2013.01 - EP US); **Y10T 442/3065** (2015.04 - EP US); **Y10T 442/3073** (2015.04 - EP US); **Y10T 442/3106** (2015.04 - EP US); **Y10T 442/3114** (2015.04 - EP US); **Y10T 442/3724** (2015.04 - EP US); **Y10T 442/425** (2015.04 - EP US); **Y10T 442/431** (2015.04 - EP US); **Y10T 442/494** (2015.04 - EP US); **Y10T 442/609** (2015.04 - EP US); **Y10T 442/611** (2015.04 - EP US); **Y10T 442/612** (2015.04 - EP US); **Y10T 442/682** (2015.04 - EP US)

Cited by

AU2005243513B2; US5643660A; US7514030B2; WO2005111302A1; US7727360B2; US8444825B2; WO9525188A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IT LI NL PT SE

DOCDB simple family (publication)

US 5407737 A 19950418; AT E132553 T1 19960115; CA 2083231 A1 19930520; CA 2083231 C 20031111; DE 4137984 C1 19921217; DE 59204922 D1 19960215; EP 0544167 A1 19930602; EP 0544167 B1 19960103; ES 2084248 T3 19960501; FI 925222 A0 19921118; FI 925222 A 19930520; FI 96229 B 19960215; FI 96229 C 19960527

DOCDB simple family (application)

US 97691792 A 19921118; AT 92119517 T 19921114; CA 2083231 A 19921118; DE 4137984 A 19911119; DE 59204922 T 19921114; EP 92119517 A 19921114; ES 92119517 T 19921114; FI 925222 A 19921118