

Title (en)
FABRIC FOR THE WET END OF A PAPER-MAKING MACHINE

Publication
EP 0264881 B1 19910424 (DE)

Application
EP 87115267 A 19871019

Priority
DE 3635632 A 19861020

Abstract (en)
[origin: US4776373A] A fabric for the sheet forming section of a papermaking machine comprising two layers of transverse threads and longitudinal threads interwoven with both layers of transverse threads. Both the paper side and the running side have a transverse structure, and the number of transverse threads in the upper layer is twice as high as that in the lower layer. The longitudinal threads interweave twice in each repeat with the upper layer and with the lower layer. Interweaving with the upper layer is effected one time with a transverse thread laying directly above a transverse wire of the lower layer and the other time with a transverse thread disposed between and above two transverse threads of the lower layer. At the point of interweaving of the lower layer, two adjacent longitudinal threads are disposed side by side with one longitudinal thread interweaving, at one point of interweaving, together with the preceding longitudinal thread and, at the next point of interweaving, together with the next following longitudinal thread.

IPC 1-7
D21F 1/00

IPC 8 full level
D03D 11/00 (2006.01); **D21F 1/00** (2006.01); **D21F 1/10** (2006.01)

CPC (source: EP US)
D21F 1/0036 (2013.01 - EP US); **Y10S 162/04** (2013.01 - EP US); **Y10S 162/903** (2013.01 - EP US); **Y10T 442/3179** (2015.04 - EP US)

Citation (examination)
DE 2706235 A1 19770908 - NORDISKA MASKINFILT AB

Cited by
US6112774A; EP0697482A1; US5937914A; AU642012B2; EP0654559A3; EP0704572A1; US5894867A; US5899240A; EP0549917A1; US6123116A; US6145550A; AU751899B2; US5983953A; US6073661A; EP0342684A3; US6244306B1; US6585006B1; US6745797B2; US6179013B1; US6253796B1; US6837277B2; US6989079B2; EP3372714A1; WO9963153A1; WO9906631A1; WO9114813A1

Designated contracting state (EPC)
AT BE CH DE ES FR GB GR IT LI NL SE

DOCDB simple family (publication)
EP 0264881 A1 19880427; EP 0264881 B1 19910424; AT E62948 T1 19910515; BR 8705203 A 19880524; CA 1283589 C 19910430; DE 3635632 A1 19880421; DE 3769579 D1 19910529; ES 2021675 B3 19911116; FI 874553 A0 19871015; FI 874553 A 19880421; FI 87812 B 19921113; FI 87812 C 19930225; JP 2573000 B2 19970116; JP S63112787 A 19880517; US 4776373 A 19881011

DOCDB simple family (application)
EP 87115267 A 19871019; AT 87115267 T 19871019; BR 8705203 A 19870921; CA 549515 A 19871016; DE 3635632 A 19861020; DE 3769579 T 19871019; ES 87115267 T 19871019; FI 874553 A 19871015; JP 26516987 A 19871020; US 10956387 A 19871019