

Title (en)
TWO-LAYERED SIEVE FOR THE SHEET FORMING ZONE OF A PAPER MACHINE

Publication
EP 0048962 B2 19880316 (DE)

Application
EP 81107606 A 19810924

Priority
DE 3036409 A 19800926

Abstract (en)
[origin: ES8308379A1] A two-ply screen for the sheet forming zone of a papermaking machine comprises weft filaments arranged in pairs one over the other and warp filaments with all the warp filaments being woven into the top layer of the screen. Only part of the warp filaments are woven also into the bottom layer of the screen. The number of warp filaments in the top fabric layer serving to form the paper sheet is twice that contained in the bottom layer. The lower weft filaments are at least 20% and preferably at least 30% thicker than the warp filaments.

IPC 1-7
D03D 1/00

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

CPC (source: EP US)
D21F 1/0036 (2013.01 - EP US); **Y10S 162/90** (2013.01 - EP US)

Cited by
EP0120337A1; EP0698682A1; US5937914A; EP0131940A3; US6112774A; US4564052A; US5983953A; US6073661A; US6123116A; US6145550A; EP0232708A1; US4789009A; AT398091B; EP0245851A3; US5894867A; EP0085363A1; US5899240A; AT399353B; AU2014314113B2; US10953355B2; US6244306B1; US6585006B1; US6860969B2; US6745797B2; US6179013B1; US6253796B1; US10953354B2; US6837277B2; WO9303221A1; WO2015028628A1; WO2015028624A1

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

DOCDB simple family (publication)
EP 0048962 A2 19820407; EP 0048962 A3 19820623; EP 0048962 B1 19840328; EP 0048962 B2 19880316; AR 226612 A1 19820730; AT E6877 T1 19840415; BR 8106086 A 19820608; CA 1159293 A 19831227; DE 3036409 A1 19820513; DE 3036409 C2 19830120; DE 3162899 D1 19840503; ES 505626 A0 19830816; ES 8308379 A1 19830816; FI 77705 B 19881230; FI 77705 C 19900725; FI 812994 L 19820327; JP H0214475 B2 19900409; JP S5789696 A 19820604; MX 158729 A 19890308; NO 153616 B 19860113; NO 153616 C 19860521; NO 813262 L 19820329; US 4499927 A 19850219

DOCDB simple family (application)
EP 81107606 A 19810924; AR 28689081 A 19810925; AT 81107606 T 19810924; BR 8106086 A 19810923; CA 386400 A 19810922; DE 3036409 A 19800926; DE 3162899 T 19810924; ES 505626 A 19810918; FI 812994 A 19810925; JP 15473581 A 19810926; MX 18925681 A 19810922; NO 813262 A 19810925; US 55901583 A 19831208