

Title (en)
PAPER MACHINE CLOTH

Publication
EP 0164434 B1 19890524 (DE)

Application
EP 84106806 A 19840614

Priority
EP 84106806 A 19840614

Abstract (en)
[origin: WO8600099A1] Paper machine screen as composite fabric, comprised of an upper or formation fabric and of a lower or wear fabric with at least three longitudinal yarn layers (1, 2, 3) and at least two transversal yarn layers (4, 5). Such paper machine screens are not appropriate for the fabrication of fine papers due to the insufficient quality of the surface situated on the paper side and resulting in markings of all kinds in the paper. To remedy such a disadvantage, the screen is so formed that at least half of all the outer longitudinal bands of the upper fabric (paper side) of the screen are comprised of two longitudinal yarn layers (1, 2) and that the first longitudinal yarn layer (1) is woven with the first transversal yarn layer (4), the third longitudinal yarn layer (3) is woven with the second transversal yarn layer (5) and at least portions of the second longitudinal yarn layer (2) are woven with both transversal yarn layers (4, 5).

IPC 1-7
D21F 1/00

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

CPC (source: EP US)
D21F 1/0036 (2013.01 - EP US); **Y10S 162/903** (2013.01 - EP US)

Cited by
EP0263527A1; EP1002892A1; EP0269070A3; EP0349779A3; EP0408849A3; DE3923938A1; US6223780B1

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

DOCDB simple family (publication)
EP 0164434 A1 19851218; EP 0164434 B1 19890524; AT E43376 T1 19890615; DE 3478319 D1 19890629; FI 854974 A0 19851216; FI 854974 A 19851216; FI 86208 B 19920415; FI 86208 C 19920727; JP H0577795 B2 19931027; JP S62501082 A 19870430; NO 164723 B 19900730; NO 164723 C 19901114; NO 855105 L 19860103; US 4832090 A 19890523; WO 8600099 A1 19860103

DOCDB simple family (application)
EP 84106806 A 19840614; AT 84106806 T 19840614; DE 3478319 T 19840614; EP 8500280 W 19850613; FI 854974 A 19851216; JP 50277685 A 19850613; NO 855105 A 19851217; US 17785388 A 19880324