

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 1/00 (2006.01); **D21F 1/10** (2006.01)

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

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

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