

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

Publication  
**EP 0224276 B1 19900328 (DE)**

Application  
**EP 86117588 A 19861217**

Priority  
• DE 3615304 A 19860506  
• US 90542486 A 19860910

Abstract (en)  
[origin: EP0224276A2] 1. A clothing for the sheet-forming section of a papermaking machine, said clothing comprising an upper and a lower layer (1, 2) of transverse threads (3, 4, 5) interwoven with longitudinal threads (6), within each weave repeat each longitudinal thread (6) being interwoven two times with the upper layer (1) of transverse threads (3, 4), the transverse threads (3, 4) of the upper layer (1) and the longitudinal threads (6) forming crimps (7, 8, 9) disposed in a plane, the paper plane (10), and the crimps (7) tangential to the paper plane (10) of first transverse threads (3) of the upper layer (1) being supported in a crimp saddle of the longitudinal threads (6), and the crimps (8) tangential to the paper plane of second transverse threads (4) of the upper layer (1) being supported by two adjacent longitudinal threads (6) one of which ascends from the fabric interior to the paper plane (10), while the other one descends from the paper plane (10) into the fabric interior characterized in that the first transverse threads (3) and the second transverse threads (4) are arranged in alternating sequence.

IPC 1-7  
**D21F 1/00**

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

CPC (source: EP)  
**D21F 1/0045** (2013.01)

Cited by  
USRE40066E; US5881764A; US6112774A; EP0702108A1; US5937914A; AU642012B2; DE3801051A1; US5983953A; US6073661A; US5709250A; EP0390005A3; EP0698682A1; AU700918B2; EP0905310A3; US6123116A; US5967195A; US6145550A; US6244306B1; US6585006B1; US6745797B2; US6179013B1; US6253796B1; US6223780B1; US6837277B2; WO9114813A1; WO9961698A1; WO9208000A1

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

DOCDB simple family (publication)  
**EP 0224276 A2 19870603; EP 0224276 A3 19870826; EP 0224276 B1 19900328;** AR 247260 A1 19941130; AU 7132587 A 19871112; CA 1281615 C 19910319; FI 871230 A0 19870320; FI 871230 A 19871107; FI 87666 B 19921030; FI 87666 C 19941010; GR 3000442 T3 19910628; JP H07122228 B2 19951225; JP S62268893 A 19871121; NO 871864 D0 19870505; NO 871864 L 19871109

DOCDB simple family (application)  
**EP 86117588 A 19861217;** AR 30745687 A 19870504; AU 7132587 A 19870409; CA 536324 A 19870504; FI 871230 A 19870320; GR 900400120 T 19900423; JP 11164387 A 19870506; NO 871864 A 19870505