

Title (en)  
DOUBLE LAYER TISSUE FOR THE FORMING SECTION OF A PAPER MACHINE

Publication  
**EP 0342684 A3 19910807 (DE)**

Application  
**EP 89109017 A 19890519**

Priority  
DE 3817144 A 19880519

Abstract (en)  
[origin: JPH0219587A] PURPOSE: To avert the lateral biasing of a double-layer fabric even if the fabric travels at a high speed by forming the float of the longitudinal threads arranged on the lower layer of the fabric to a specific state. CONSTITUTION: The double-layer fabric which is interwoven with longitudinal threads 5 and one set of transverse threads 3, 4 and 8 and has an upper layer 1 and a lower layer 2 is the double-layer fabric in which the transverse threads 4, 8 of the lower layer 2 form the floats 6 of the transverse threads and the lowest points 7 thereof are offset from the center. The continuous transverse threads 4 and 8 of the lower layer 2 make pairs and the lowest point 7 of the float 6 of the transverse thread 4 in one of a pair is arranged in a longitudinal direction. The lowest point 7 of the float 6 of the transverse thread 4 of another one of the pair is offset in the direction opposite to the lowest point 7 of the float 6 of the transverse thread 8 of another one of the pair from the center of the float 6. The structure in which the respective longitudinal threads 5 run under one transverse thread 8 then on the two transverse threads 8, 4 and thereafter these threads run under one transverse thread 4 of the lower layer 2 then rides thereon it preferable.

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

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

CPC (source: EP US)  
**D21F 1/0036** (2013.01 - EP US)

Citation (search report)  
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Designated contracting state (EPC)  
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**EP 0342684 A2 19891123; EP 0342684 A3 19910807; EP 0342684 B1 19940824**; AT E110428 T1 19940915; BR 8902329 A 19900109; CA 1316077 C 19930413; DE 3817144 A1 19891130; DE 58908220 D1 19940929; ES 2063072 T3 19950101; FI 892335 A0 19890516; FI 892335 A 19891120; FI 91174 B 19940215; FI 91174 C 19940525; JP H0219587 A 19900123; US 5016678 A 19910521

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**EP 89109017 A 19890519**; AT 89109017 T 19890519; BR 8902329 A 19890518; CA 600011 A 19890517; DE 3817144 A 19880519; DE 58908220 T 19890519; ES 89109017 T 19890519; FI 892335 A 19890516; JP 12549389 A 19890517; US 35028489 A 19890511