

Title (en)

Double layer tissue for the forming section of a paper machine.

Title (de)

Doppellagige Bespannung für den Blattbildungsbereich einer Papiermaschine.

Title (fr)

Toile à deux couches pour la section de formation d'une machine à papier.

Publication

EP 0342684 A2 19891123 (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.

Abstract (de)

Es wird eine doppellagige Bespannung für den Blattbildungsbereich einer Papiermaschine beschrieben, ein sog. Blattbildungssieb oder Entwässerungssieb. Aufeinanderfolgende Querfäden (4, 8) der unteren Lage (2) bilden Paare, und innerhalb jedes Paares fluchten die tiefsten Punkte (7) der Querfadenflottung (6), wobei der tiefste Punkt (7) der Flottung des einen Querfadens (4) eines Paares von der Mitte der Flottung (6) in der entgegengesetzten Richtung versetzt ist, wie der tiefste Punkt (7) der Flottung (6) des anderen Querfadens (8).

IPC 1-7

D21F 1/00

IPC 8 full level

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CPC (source: EP US)

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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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