

Title (en)
Dryer fabric and method for its production

Title (de)
Trockensieb sowie Verfahren zu dessen Herstellung

Title (fr)
Toile de séchage et procédé de sa production

Publication
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Application
EP 02009446 A 20020425

Priority
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Abstract (en)
During a paper making process, a paper web is de-watered by a porous de-watering web consisting of longitudinal (2, 3) and transverse (5, 6, 7, 8) strips. Longitudinal and transverse strips are each made of a different type of fibre, and are joined at their crossover points (8, 16, 17) esp. by local application (9) of a hotmelt bonding agent. Also claimed is a process for making the de-watering web in which the crossover joins are further strengthened by a form-fit union in which each strip incorporates a shallow groove with a thread which is transverse to the adjacent thread. The union is effected by insertion of a single pin through the two strips.

Abstract (de)
Die vorliegende Erfindung betrifft eine poröse Papiermaschinenbespannung (1, 11, 21) zur Entwässerung einer Papierbahn in einer Papiermaschine mit einem Fadengelege aus wenigstens einer Lage (2, 12, 22) Längsfäden (3, 13, 23) und wenigstens einer Lage (4, 14, 24) die Längsfäden (3, 13, 23) kreuzenden Quersfäden (5, 6, 7; 15; 25), wobei die Längs- und Quersfäden (3, 13, 23; 5, 6, 7; 15; 25) Einkomponentenfäden sind, welche dadurch gekennzeichnet ist, daß die Längs- und Quersfäden (3, 13, 23; 5, 6, 7; 15; 25) an Kreuzungspunkten (8, 16, 27) infolge auf diese Kreuzungspunkte (8, 16, 27) beschränkten Erhitzens auf Schmelztemperatur miteinander und/oder mit diese verbindenden Teilen (17, 18, 19) verschmolzen sind. Die Erfindung betrifft desweiteren ein Verfahren zur Herstellung einer solchen porösen Papiermaschinenbespannung. <IMAGE>

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D21F 1/00

IPC 8 full level
D04H 3/14 (2012.01); **D21F 1/00** (2006.01); **D21F 1/10** (2006.01); **D21F 7/08** (2006.01)

CPC (source: EP US)
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