

Title (en)
Fibre distribution in a fleece.

Title (de)
Faserverteilung in einem Vlies.

Title (fr)
Amélioration de la répartition de fibres dans un feutre.

Publication
EP 0119124 A1 19840919 (FR)

Application
EP 84400358 A 19840222

Priority
FR 8302897 A 19830223

Abstract (en)
1. A method of forming a felt of fibres in which the fibres are formed from a material which is in the drawable state, this material being carried over the peripheral surface of one or more wheels to which a rotary movement is imparted and from which the fibres become detached and are thrown into a gaseous current which is directed transversely of the direction in which the fibres are thrown and along the peripheral wall of the wheel or wheels, the fibres thus formed, entrained by the gaseous current, being carried into a receiving chamber in which the base is constituted by a perforated conveyor, the gaseous current carrying the fibres crossing the conveyor, the fibres becoming deposited on the conveyor in order to form the felt, the method being characterized in that one or a plurality of additional gas jets are created on either side of the gaseous current carrying the fibres substantially in the same direction as that of the current, these additional jets being emitted along lateral walls bordering the perforated conveyor.

Abstract (fr)
L'invention est relative à la formation de feutres de fibres, lesquelles sont produites à partir de roues de centrifugation, le matériau à fibrer étant conduit à la périphérie de ces roues et de l'extérieur de celles-ci et les fibres étant portées par des courants gazeux jusqu'à l'organe de réception (9). Pour améliorer la distribution des fibres dans ces feutres, des jets gazeux additionnels sont soufflés sur les côtés du courant gazeux portant les fibres le long des parois latérales (10, 11) bordant l'organe de réception (9). L'invention permet d'obtenir une répartition transversale des fibres satisfaisante.

IPC 1-7
D04H 1/72; D04H 3/03

IPC 8 full level
C03B 37/04 (2006.01); **C03B 37/05** (2006.01); **C03B 37/06** (2006.01); **C03B 37/10** (2006.01); **D01D 5/26** (2006.01); **D01D 7/00** (2006.01); **D01G 25/00** (2006.01); **D04H 1/00** (2006.01); **D04H 1/4209** (2012.01); **D04H 1/4226** (2012.01); **D04H 1/72** (2012.01); **D04H 1/732** (2012.01); **D04H 1/736** (2012.01); **D04H 3/16** (2006.01)

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CPC (source: EP KR)
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Citation (search report)
• [AD] FR 2500492 A1 19820827 - SAINT GOBAIN ISOVER [FR]
• [A] FR 2294967 A1 19760716 - MONSANTO CO [US]
• [A] FR 2001154 A1 19690926 - CONWED CORP
• [A] FR 896181 A 19450214 - SAINT GOBAIN
• [A] US 3582432 A 19710601 - HAVENS ARTHUR B

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