

Title (en)  
TRANSPORT OF A NON-WOVEN WEB BY MEANS OF A CONVEYOR BELT WITH AN ASCENDING PORTION AND/OR A VARIABLE SPEED

Title (de)  
FÖRDERUNG EINER VLIESTOFFBAHN MITTELS EINER FÖRDERBAHN MIT AUFSTEIGENDEM FÖRDERTEIL UND/ODER VERÄNDERLICHER GESCHWINDIGKEIT

Title (fr)  
TRANSPORT D'UNE BANDE DE TISSU NON-TISSÉ AU MOYEN D'UNE BANDE DE TRANSPORT AVEC PORTION ASCENDANTE ET/OU À VITESSE VARIABLE

Publication  
**EP 1798175 A1 20070620 (FR)**

Application  
**EP 06370036 A 20061205**

Priority  
FR 0512576 A 20051213

Abstract (en)  
The procedure for transporting a strip of a non-woven material (WE) on a conveyor belt (100) that has at least one section (100a) where it rises at an angle and/or varies in speed differs by applying an electrostatic charge to the strip and/or conveyor belt in the aforementioned section, with the charge covering at least the full width of the non-woven material. The electrostatic charge is supplied by an ioniser (15) with at least one ionising bar located above and close to the conveyor belt's rising and/or variable speed section.

Abstract (fr)  
On transporte une bande de non-tissé (WE) au moyen d'une bande de transport (100) comportant au moins une portion de transport (100a) qui est ascendante et/ou qui subit des changements de vitesse. En cours de transport, on charge électrostatiquement la bande de non-tissé (WE) et/ou la bande de transport (100), en sorte de faire adhérer la bande de non-tissé à la surface de la bande de transport dans ladite portion de transport (100a) ascendante et/ou à vitesse variable. Application : transport d'une bande de non-tissé (WE) à l'entrée d'un étaleur-nappeur (1).

IPC 8 full level  
**B65H 20/06** (2006.01); **D01G 25/00** (2006.01); **D04H 1/74** (2006.01)

CPC (source: EP)  
**B65H 20/06** (2013.01); **D01G 25/00** (2013.01); **D04H 1/74** (2013.01); **B65H 2301/5132** (2013.01); **B65H 2301/5322** (2013.01); **B65H 2701/1924** (2013.01)

Citation (applicant)  
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Citation (search report)  
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• [A] US 3711354 A 19730116 - BURGER W  
• [A] EP 1518700 A1 20050330 - KONICA MINOLTA HOLDINGS INC [JP]

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BE CH DE ES FR IT LI

Designated extension state (EPC)  
AL BA HR MK YU

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**EP 1798175 A1 20070620; EP 1798175 B1 20160406**; CN 1982183 A 20070620; FR 2894600 A1 20070615; FR 2894600 B1 20080229

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**EP 06370036 A 20061205**; CN 200610165967 A 20061212; FR 0512576 A 20051213