

Title (en)

Method and device of transporting a non-woven web with electrostatic charge in at least an area with a dimension smaller than the width of said web

Title (de)

Verfahren und Vorrichtung zum Transportieren einer Bahn nichtgewebten Materials mit elektrostatischer Aufladung in mindestens einer Zone mit einer Dimension die kleiner als die Breite der Bahn ist

Title (fr)

Procédé et système de transport d'une bande de non-tisse avec maintien électrostatique dans au moins une zone de dimension inférieure à la largeur de ladite bande

Publication

EP 1702874 B1 20110727 (FR)

Application

EP 06370005 A 20060306

Priority

FR 0502675 A 20050318

Abstract (en)

[origin: EP1702874A2] The method involves charging electro-statically a non-woven fabric band and a mobile transporting surface by an ionization module (4) to adhere the band on the transporting surface in a longitudinal carriage zone (ZM). Dimension of the carriage zone measured in a direction perpendicular to a transporting direction (MD) is less than width (L) of the band. The band constitutes polypropylene or polyethylene-based synthetic fibers, cotton-type natural fibers or viscose-type artificial fibers. An independent claim is also included for a system for transporting a non-woven fabric band using a transporting surface.

IPC 8 full level

B65H 20/02 (2006.01); **B65H 39/16** (2006.01)

CPC (source: EP)

B65H 20/02 (2013.01); **B65H 39/16** (2013.01); **B65H 2301/5132** (2013.01); **B65H 2301/5322** (2013.01); **B65H 2406/31** (2013.01)

Cited by

DE102010004205B4; DE102010004205A1; WO2011083037A1; EP1777187B1

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EP 1702874 A2 20060920; **EP 1702874 A3 20070530**; **EP 1702874 B1 20110727**; **EP 1702874 B8 20120229**; CN 1834324 A 20060920; CN 1834324 B 20120425; FR 2883267 A1 20060922; FR 2883267 B1 20070608

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EP 06370005 A 20060306; CN 200610059692 A 20060317; FR 0502675 A 20050318