



(19) Europäisches Patentamt
European Patent Office
Office européen des brevets



(11) EP 1 905 877 A8

(12) CORRECTED EUROPEAN PATENT APPLICATION

(15) Correction information:

Corrected version no 1 (W1 A2)
Corrections, see
Bibliography INID code(s) 84

(51) Int Cl.:

D04H 1/46 (2006.01) **D21F 9/04 (2006.01)**
D21F 9/00 (2006.01)

(48) Corrigendum issued on:

02.06.2010 Bulletin 2010/22

(43) Date of publication:

02.04.2008 Bulletin 2008/14

(21) Application number: **08100329.5**

(22) Date of filing: **19.07.1999**

(84) Designated Contracting States:

DE FR GB NL SE

Designated Extension States:

BA RS

• **Okada, Kazuya c/o Technical Center**

Mitoyo-gun Kagawa 769-1602 (JP)

• **Konishi, Takayoshi c/o Technical Center**

Mitoyo-gun Kagawa 769-1602 (JP)

(30) Priority: **17.07.1998 JP 20320698**

(74) Representative: **Eke, Philippa Dianne**

Saunders & Dolleymore LLP

9 Rickmansworth Road

Watford

Hertfordshire WD18 0JU (GB)

(62) Document number(s) of the earlier application(s) in accordance with Art. 76 EPC:

99305701.7 / 0 972 873

Remarks:

This application was filed on 10-01-2008 as a divisional application to the application mentioned under INID code 62.

(71) Applicant: **UNI-CHARM CORPORATION**

Shikokuchuo-shi

Ehime (JP)

(72) Inventors:

- **Takeuchi, Naohito c/o Technical Center**
Mitoyo-gun Kagawa 769-1602 (JP)

(54) **Wet process for manufacturing nonwoven fabric and apparatus therefor**

(57) This invention provides a wet process for manufacturing a nonwoven fabric, comprising the steps of: forming a fibrous web by supplying raw material fibers together with water onto a net-shaped wire conveyor band; characterised by, running the net-shaped wire conveyor band on a cylinder mold to scoop the raw material fibers with the wire conveyor band; transferring the fibrous web over the wire conveyor band to a wire conveyor band at a next stage; completely forming a nonwoven fabric over the wire conveyor band at the next stage by supplying water jets to the fibrous web over the wire conveyor band; transferring the formed nonwoven fabric from the wire conveyor band to another conveyor band; and drying the nonwoven fabric. Also disclosed is an apparatus using the wet nonwoven fabric manufacturing process.

