

30 NOV 2002

## (12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization  
International Bureau(43) International Publication Date  
6 December 2001 (06.12.2001)

PCT

(10) International Publication Number  
WO 01/91681 A1

- (51) International Patent Classification<sup>7</sup>: A61F 13/00, A61L 15/28
- (74) Agent: KIRK, Martin; Allée de la Recherche 60, B-1070 Brussels (BE).
- (21) International Application Number: PCT/EP01/06194
- (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.
- (22) International Filing Date: 31 May 2001 (31.05.2001)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 0013186.2 1 June 2000 (01.06.2000) GB
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).
- (71) Applicant (*for all designated States except US*): UCB S.A. [BE/BE]; Allée de la Recherche 60, B-1070 Brussels (BE).
- (72) Inventors; and
- (75) Inventors/Applicants (*for US only*): MARSHALL, Colin [GB/GB]; "Sebastian", Plasket Lane, Wigton, Cumbria CA7 9ES (GB). ACHTERBERG, Volker, Fritz [DE/DE]; Christian-Förster-Strasse 35, 20253 Hamburg (DE). RUHNAU, Klaus, Alfred [DE/DE]; Meisenweg 78b, 22885 Barsbüttel (DE). VON DER WETH, Andreas, Matthias [DE/DE]; Winterhuder Kai 20, 22299 Hamburg (DE).
- Published:**
- with international search report
  - before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*



\*162162\*



\*ACTION\*

WO 01/91681 A1

(54) Title: WOUND DRESSING

(57) Abstract: Wound dressings consisting of a self supporting cellulosic films having two substantially parallel and opposed surfaces made by a non-microbiological (preferably regenerative) method with a wet flatness less than about 35 seconds. Preferably average thicknesses are up to about 2 mm, and water permeabilities are at least about 100 g/m<sup>2</sup>.d. They preferably have a molecular weight cut off such that micro-organisms are substantially prevented from crossing them, (film-pore size preferably less than about 1 µm), have haze values of at least about 10 %, and an average surface roughnesses of at least about 10 ml/min. The films can include particles in amounts of from about 0.5 % to about 25 % of the total film weight, the particles preferably being substantially on or near at least one film surface. The mean dimension of the particles along their longest axis is preferably from about 5 µm to about 5 mm. The particles are preferably cellulose fibers from a wood source.