

12

EUROPEAN PATENT APPLICATION

21 Application number: **87305613.9**

51 Int. Cl.4: **D06M 13/14 , D21C 9/00**

22 Date of filing: **24.06.87**

30 Priority: **27.06.86 US 879678**

43 Date of publication of application:
07.01.88 Bulletin 88/01

84 Designated Contracting States:
BE DE FR GB IT NL SE

68 Date of deferred publication of the search report:
07.12.88 Bulletin 88/49

71 Applicant: **The Buckeye Cellulose Corporation**
One Procter & Gamble Plaza
Cincinnati Ohio 45202(US)

72 Inventor: **Schoggen, Howard Leon**
3354 Dogwood Lane
Memphis, TN 38116(US)
Inventor: **Cook, Jeffrey Todd**
6747 Quail Hollow Court
No. 2 Memphis, TN 38119(US)
Inventor: **Bourbon, Robert Michael**
6747 Quail Hollow Court
No. 2 Memphis, TN 38119(US)

74 Representative: **Gibson, Tony Nicholas et al**
Procter & Gamble (NTC) Limited Whitley Road
Longbenton Newcastle upon Tyne NE12 9TS(GB)

54 **Process for making individualized, cross-linked fibres.**

57 Individualized, crosslinked fibers made by a) defibrating moistened, cellulosic fibers and at least partially drying the fibers under substantially unrestrained conditions, i.e., in the substantial absence of interfiber bonds, b) contacting the fibers with a crosslinking agent, c) reacting the crosslinking agent with the fibers in the substantial absence of interfiber bonds, to form intrafiber crosslink bonds, d) subjecting the fibers, while in a moistened condition, to a second defibration step, and then at least partially drying the fibers under substantially unrestrained conditions.

EP 0 251 674 A3



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
Y	US-A-3 932 209 (PRONoy et al.) * Claims; column 2, lines 59-67; column 4, lines 32-60 * ---	1-2	D 06 M 13/14 D 21 C 9/00
A	US-A-4 035 147 (S. SANGENIS et al.) * Claims * ---	1	
Y	BE-A- 680 793 (RADUNER & CO.) * Claims; page 20, line 25 - page 29, line 6 * -----	1-2	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			D 06 M A 61 L D 21 C
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 26-09-1988	Examiner HELLEMANS W.J.R.
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ----- & : member of the same patent family, corresponding document			