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(11) Publication number:

0 150 777
A3

(12)

EUROPEAN PATENT APPLICATION

(21) Application number: 85100470.5

(51) Int. Cl.³: D 21 F 11/00

(22) Date of filing: 17.01.85

(30) Priority: 26.01.84 US 574287
09.02.84 US 578431

(43) Date of publication of application:
07.08.85 Bulletin 85/32

(88) Date of deferred publication of search report: 10.08.88

(84) Designated Contracting States:
AT BE CH DE FR GB IT LI NL SE

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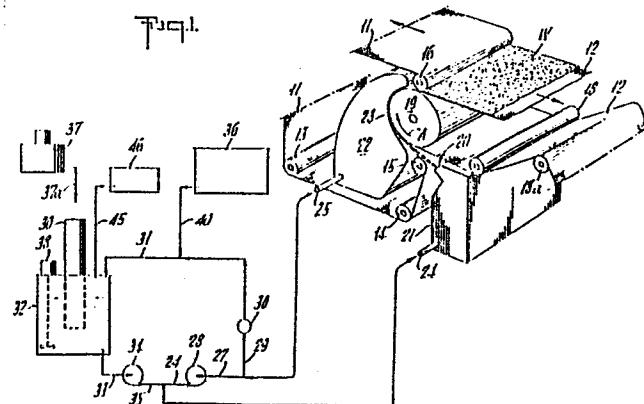
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(54) Method for the manufacture of a non-woven fibrous web.

(57) Apparatus and method for the manufacture of a non-woven fibrous web (W) such as paper from a dispersion of fibers in a foamed liquid in which fiber furnish in a foamed liquid comprising a solution of surfactant in water is discharged from a headbox (21) into the nip (17) of a twin forming wire prior to its passage over a forming roll (19). The water-surfactant solution is drained from the web and recycled as a foamed liquid containing about 65% air in the form of bubbles of from about 20 to about 200 microns in diameter. The foamed liquid is directed into a mix tank (32) wherein a slurry containing fibers at 20% to 55% solids is added and mixed. The slurry is pumped to the headbox (21) and into the nip (17) of the forming wires.



EP 0 150 777 A3



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EUROPEAN SEARCH REPORT

0150777

Application Number

EP 85 10 0470

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)												
D, P X	US-A-4 443 297 (CHESHIRE et al.) * Whole document * ---	1,3-7	D 21 F 11/00												
P, A	EP-A-0 101 319 (JAMES RIVER-DIXIE/NORTHERN INC) * Whole document * ---	1-3,6-8													
A	LU-A- 48 831 (KALLE) * Whole document * -----	1,2,7,8													
TECHNICAL FIELDS SEARCHED (Int. Cl.4)															
D 21 F															
<p>The present search report has been drawn up for all claims</p> <table border="1"> <tr> <td>Place of search THE HAGUE</td> <td>Date of completion of the search 02-05-1988</td> <td>Examiner DE RIJCK F.</td> </tr> <tr> <td colspan="3">CATEGORY OF CITED DOCUMENTS</td> </tr> <tr> <td colspan="3"> 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 </td> </tr> <tr> <td colspan="3"> 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 </td> </tr> </table>				Place of search THE HAGUE	Date of completion of the search 02-05-1988	Examiner DE RIJCK F.	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		
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