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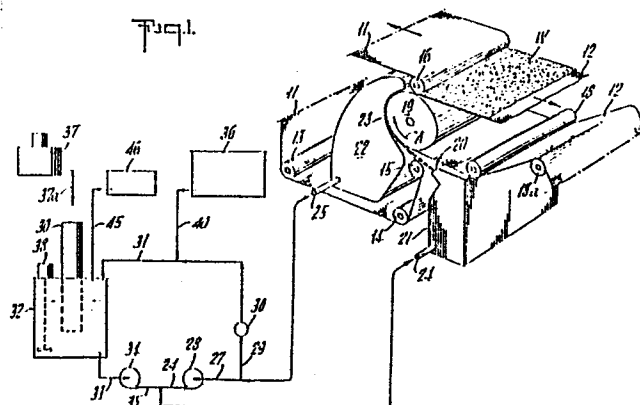
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**Method for the manufacture of a non-woven fibrous web.**

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.





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# EUROPEAN SEARCH REPORT

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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<br>X   | US-A-4 443 297 (CHESHIRE et al.)<br>* Whole document *                        | 1,3-7  | D 21 F 11/00                                  |
| P,A  | EP-A-0 101 319 (JAMES RIVER-DIXIE/NORTHERN INC)<br>* Whole document *         | 1-3,6-8  |   |
| A  | LU-A- 48 831 (KALLE)<br>* Whole document *                                    | 1,2,7,8  |   |
|  |   |  | TECHNICAL FIELDS SEARCHED (Int. Cl.4)         |
|  |   |  | D 21 F  |
| The present search report has been drawn up for all claims   |   |  |   |
| Place of search<br>THE HAGUE   |   | Date of completion of the search<br>02-05-1988 | Examiner<br>DE RIJCK F.                       |
| <b>CATEGORY OF CITED DOCUMENTS</b><br>X : particularly relevant if taken alone<br>Y : particularly relevant if combined with another document of the same category<br>A : technological background<br>O : non-written disclosure<br>P : intermediate document<br>T : theory or principle underlying the invention<br>E : earlier patent document, but published on, or after the filing date<br>D : document cited in the application<br>L : document cited for other reasons<br>.....<br>& : member of the same patent family, corresponding document |   |  |   |