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(54) **A method of manufacturing a fibrous substrate incorporating an elongate element**

(57) This invention is directed to improvements in manufacturing substrates, such as paper, incorporating an elongate impermeable element which is exposed at windows in both surfaces of the substrates and a substrate made therefrom. The invention comprises a method of making a fibrous substrate comprising the steps of bringing a first surface of an elongate flexible impermeable element into contact with primary window forming means provided on a moving cylinder mould support surface. Secondary window forming means provided on a secondary moving surface are brought into contact with an opposing surface of the element. Fibres are deposited onto the support surface and element to form a fibrous substrate. The deposition of fibres is carried out in such a manner that as the fibres are deposited onto the support surface the elongate element is incorporated in the substrate. A first set of windows is formed in one surface of the substrate at the point of contact of the element with the primary window forming means, in which windows the element is at least partially exposed, and a second set of windows is formed in an opposing surface of the substrate in which the elongate element is also at least partially exposed.

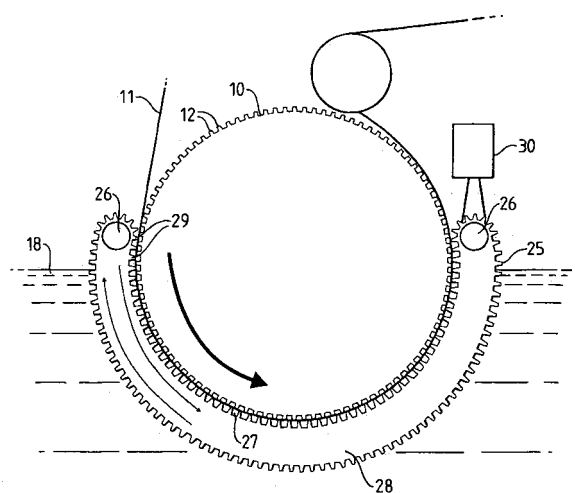


FIG. 4



European Patent
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EUROPEAN SEARCH REPORT

Application Number
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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (IPC) D21H B42D D21F
Place of search		Date of completion of the search	Examiner
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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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**ANNEX TO THE EUROPEAN SEARCH REPORT
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