

Title (en)
A method of manufacturing a fibrous substrate incorporating an elongate element

Title (de)
Verfahren zur Herstellung eines Streifen enthaltenden Faserstoffsubstrats

Title (fr)
Procédé de fabrication d'un substrat fibreux contenant un élément allongé

Publication
EP 1630285 A2 20060301 (EN)

Application
EP 05255210 A 20050824

Priority
GB 0419157 A 20040827

Abstract (en)
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.

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Citation (applicant)
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