

Title (en)

METHOD AND SYSTEM FOR MANUFACTURING A DRY-FORMED FIBROUS WEB

Title (de)

VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG EINER TROCKENGELEGTEN FASERBAHN

Title (fr)

PROCEDE ET SYSTEME DE PRODUCTION D'UNE BANDE FIBREUSE FORMEE A SEC

Publication

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Application

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Priority

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Abstract (en)

[origin: WO9518886A1] For the manufacturing of dry-formed webs of cellulose fibres there are two different ways of binding the fibres, viz. an application of glue to the web surfaces and, respectively, an admixing into the fibre charge of heat actuated binding fibres that are actuated by passing the web through a heating zone. The latter method is the better in practice, of course, in particular for liquid absorbing products, but the problem exists that the finished material is dusting with short, unbonded fibres. According to the invention it has been realized that it is possible to widely avoid this problem by auxiliary use of the first method, modified to the effect that both surfaces of the web are concurrently subjected to a supply of a very small amount of glue in foamed condition, e.g. with only 1 gram per square meter, whereby the surfaces remain permeable, but also sealing against extrusion of short fibres from inside the web.

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