

Title (en)

METHOD AND DEVICE FOR THE DRY FORMING OF A FIBRE WEB

Title (de)

VERFAHREN UND VORRICHTUNG ZUM TROCKENFORMEN EINER FASERBAHN

Title (fr)

PROCÉDÉ ET DISPOSITIF DE FORMATION À SEC D'UNE BANDE FIBREUSE

Publication

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Application

EP 11752176 A 20110825

Priority

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Abstract (en)

[origin: CA2808916A1] The invention relates to a method and a device for the dry forming of a fibre web, in which a multiplicity of fibres or fibre mixtures are fed to a forming head by means of an air flow. The forming head produces a fibre stream which is introduced into a clearance of a forming zone between the forming head and a laydown belt. The fibres are received on the laydown belt and are shaped to form a fibre layer which is conveyed continuously out of the forming zone via the laydown belt. In order to obtain as uniform a construction of the fibre layer as possible during the laying down of the fibres, according to the invention the fibres of the fibre stream run through the clearance within the forming zone with free sections of different lengths. To this end, the forming head and the laydown belt are held in a non-parallel arrangement, with the result that the clearance is formed by different spacings between the laydown belt and the forming outlet of the forming head.

IPC 8 full level

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CPC (source: EP KR US)

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