

Title (en)

Process and apparatus for producing non-woven fibrous cellulosic sheet material.

Title (de)

Verfahren und Vorrichtung zur Herstellung eines nichtgewebten Bahnmaterials aus Cellulosefasern.

Title (fr)

Procédé et appareil pour la fabrication d'un produit non-tissé fibreux cellulosique sous forme d'une feuille.

Publication

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Application

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Priority

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Abstract (en)

A process and apparatus for the production of webs of fibrous cellulosic material combine defibering of moist cellulosic material with dry-forming of a web of the defibered material and subsequent press-drying of the web. Hence, defibered cellulosic material having a moisture content, for example, of from 30-40% by weight, is dry-formed to produce a non-woven web which is then consolidated by feeding it through a press-drying stage. In the press-drying stage, the web is advanced through a plurality of heated pressure nips (13) provided between a rotating heated cylinder (14) and cooperating pressure rollers (15). The web (16) is retained in contact with the heated cylinder between the pressure nips by means of the forming band (11) on which the web is initially dry-formed and which is advanced through the nips together with the web.

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CPC (source: EP)

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