

Title (en)

Method and machine for the production of matting made from a natural fibre sheet

Title (de)

Verfahren und Maschine zur Herstellung einer Matte aus einem Naturfaservlies

Title (fr)

Procédé et machine pour la production d'une bande d'un non-tissé de fibres naturelles

Publication

EP 1055759 B1 20030723 (DE)

Application

EP 99110062 A 19990522

Priority

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Abstract (en)

[origin: EP1055759A1] The fleeces (7, 8, 9) are continuously supplied together to one or more heaters (12, 13), passing them immediately afterward between pressing rollers (10, 11). An Independent claim is also included for the machine carrying out the process. Preferred features: Fleeces are withdrawn continuously from their storage rolls (1-6) for supply to the heater. Before being rolled up, they are needled. The natural fiber fleece (8) contains low melting point thermoplastic fibers. The plastic fiber fle contains thermoplastic fibers of both low and high melting points. Heaters act on mutually-facing sides of the fleeces. By heat only at the surface, the low melting point thermoplastic fibers are melted. Hot air is employed for heating. Fleeces are supplied heating, edge-aligned. Mats are divided to predetermined width, by longitudinal cutters (29).

IPC 1-7

D04H 13/00

IPC 8 full level

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CPC (source: EP)

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Cited by

CN116638850A; DE102008032274A1; EP1714772A1; US7501362B2; WO2006111037A1; EP1812264B1

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