

Title (en)

DEVICE AND METHOD FOR PRODUCING A FIBRE MAT

Title (de)

VORRICHTUNG UND VERFAHREN ZUR HERSTELLUNG EINES VLIESES

Title (fr)

DISPOSITIF ET PROCÉDÉ DE FABRICATION D'UNE NAPPE DE FIBRES

Publication

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Application

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Abstract (en)

[origin: WO2020239713A1] The invention relates to a device for producing a nonwoven fabric from material, preferably over the course of producing a pressed material mat for the production of material panels, and to a method therefor. The device according to the invention comprises: a metering device (22) for the metered output of the material into a chute (5); a separation roller (3) for the material, arranged at the other end of the chute (5) and having a wall (4) arranged in the rotational direction (29) of the separation roller (3) and a outlet opening (26) adjoining same; a first scattering area (27) having a guide plate (7) for limiting and at least partially guiding the material from the separation roller (3) exiting at the outlet opening (26); a forming belt (2), circulating continuously in the transport direction (13) of the exiting material, for receiving the material on a first side of the forming belt (2) in the first scattering area (27); and vacuum chambers (10) on the other side of the forming belt (2) for generating an air flow in the direction of the forming belt (2) in the first scattering area (27).

IPC 8 full level

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