

Title (en)

METHOD AND DEVICE FOR GLUING DRIED FIBRES USED FOR PRODUCING FIBRE PLATES

Title (de)

VERFAHREN UND VORRICHTUNG ZUM BELEIMEN VON ZUR HERSTELLUNG VON FASERPLATTEN VORGESEHENEN, GETROCKNETEN FASERN

Title (fr)

PROCEDE ET DISPOSITIF D'ENCOLLAGE DE FIBRES SECHEES DESTINEES A LA FABRICATION DE PANNEAUX DE FIBRES

Publication

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Application

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Priority

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Abstract (en)

[origin: US8007610B2] Dried fibers which are designated for the production of fiber boards are supplied to a fiber roller (17) from a metering device through a feed chute (10) which is subjected to negative pressure, which fiber roller is provided on its surface with a plurality of pins (18) and rotates in such a manner that the fibers (14) are deflected by the pins (18), are directed along a chute section (22) defined by means of a partial section (20) of the periphery of the fiber roller (17) and an opposite-lying wall (21) and gluing means and said fibers are accelerated to approximately the peripheral speed of the fiber roller (17) by means of the pins (18) and an air flow generated by said pins. The fibers (36) lie against a section of the wall and are glued in the region of or adjacent to one end of the wall section and exit at an outlet orifice (23) of the chute section (22). In the case of an alternative process, after exiting the chute section substantially horizontally the fibers are deflected in an upward or downward direction and are glued in this region by means of at least one spray nozzle.

IPC 8 full level

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