

Title (en)
DEVICE FOR DEWATERING POURABLE OR FLOWABLE MATERIAL

Title (de)
VORRICHTUNG ZUM ENTWÄSSERN VON SCHÜTTFÄHIGEM ODER FLIESSFÄHIGEM AUFGABEGUT

Title (fr)
DISPOSITIF DE DÉSHYDRATATION DE MATIÈRE COULANTE OU FLUIDE

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Application
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Abstract (en)
[origin: RU2747220C2] FIELD: mechanical dehydration technology.SUBSTANCE: invention relates to a device for dehydrating loose or fluid feed material, for example, wood chips, by compressing it. The device contains a housing with a tubular casing (18), in which it is possible to rotate the shaft with spiral turns around the circumference about the axis of rotation, and it is also possible to transport the feed material through the housing and compress it with the removal of residual moisture from the device through holes (15) in the tubular casing (18), and a feeding bell (9) for feeding the feed material to be dehydrated. The tubular casing consists of two halves, the longitudinal flanges (17) of which are arranged vertically on top of each other, and the feeding bell (9) contains a removable side wall, the shape and design of which make it possible to dismantle the auger.EFFECT: invention makes it possible to replace the auger without significant dismantling work, with a reduction in the space required for this. The invention also makes it possible to obtain a more compact design, helps to reduce unevenness of movement and secures smoother operation of the device.4 cl, 4 dwg

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