

Title (en)

APPARATUS AND METHOD FOR DRYING BIOMASS WITH A HIGH LIQUID CONTENT, IN PARTICULAR SLURRY

Title (de)

VORRICHTUNG UND VERFAHREN ZUM TROCKNEN VON BIOMASSE MIT HOHEM FLÜSSIGKEITSGEHALT, INSBESONDERE GÜLLE

Title (fr)

SYSTÈME ET PROCÉDÉ DE SÉCHAGE DE BIOMASSE À HAUTE TENEUR EN LIQUIDE, NOTAMMENT DE PURIN

Publication

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Application

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Abstract (en)

[origin: WO2021028261A1] The invention relates to an apparatus (10) for drying biomass with a high liquid content, in particular slurry, having a drying section via which the biomass for drying is able to be conveyed. The drying section comprises at least one closed drying surface (11a, 11b, 12a, 12b) over the area of which the biomass for drying can be applied. In order to apply the biomass to the at least one closed drying surface (11a, 11b, 12a, 12b) and to convey the biomass along the drying section, movable conveying elements (16) are provided. According to the invention, a mixing device (13), which is connected upstream of the drying section, is configured to thicken the biomass by adding dry granules. The invention also relates to a method for drying biomass with a high liquid content.

IPC 8 full level

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