

Title (en)

TREATMENT FACILITY, IN PARTICULAR FOR THE TREATMENT OF ORGANIC WASTE BY FERMENTATION

Title (de)

BEHANDLUNGSANLAGE, INSBESONDERE ZUR BEHANDLUNG VON ORGANISCHEN ABFÄLLEN DURCH GÄRUNG

Title (fr)

INSTALLATION DE TRAITEMENT, NOTAMMENT POUR LE TRAITEMENT PAR FERMENTATION DE DÉCHETS ORGANIQUES

Publication

EP 3983521 A1 20220420 (FR)

Application

EP 20742320 A 20200605

Priority

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- FR 2020050964 W 20200605

Abstract (en)

[origin: WO2020254740A1] The invention relates to a facility (1) for treating solid organic waste comprising a tubular reactor (2) equipped with an inlet (3) for supplying products to be treated, an outlet (4) for discharging treated products, and a biogas discharge outlet (5), and a frame that supports the reactor (2). The reactor is configured to form an inclined reactor with a slope that descends from the supply inlet (3) toward the discharge outlet (4). The reactor (2) comprises a tubular body (6) and a liquid/solid separator (7) extending axially inside the body (6), the liquid/solid separator (7) comprises a pipe (8) defined by a perforated peripheral lateral wall (9), surrounded by the body (6) to house a space (10) for collecting liquid between the perforated peripheral lateral wall and the body, and the reactor (2) comprises an inlet orifice (11) that can communicate with the interior of the pipe (8) of the liquid/solid separator (7) and an outlet orifice (12) in fluid communication with the liquid collection space (10), and connected to the inlet orifice (11) by a forced fluid circulation circuit (13) arranged at least partially outside the body (6) of the reactor (2).

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2020254740A1

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