

Title (en)

APPARATUS FOR PRODUCTION AND INTERMEDIATE STORAGE OF BIOGAS

Title (de)

VORRICHTUNG ZUR HERSTELLUNG UND ZWISCHENSPEICHERUNG VON BIOGAS

Title (fr)

DISPOSITIF DE PRODUCTION ET DE STOCKAGE INTERMÉDIAIRE DE BIOGAZ

Publication

**EP 4110896 A1 20230104 (DE)**

Application

**EP 20716162 A 20200224**

Priority

DE 2020100130 W 20200224

Abstract (en)

[origin: WO2021170162A1] Apparatus (10) for production and intermediate storage of biogas; the present invention especially relates to a small-scale or ultrasmall-scale biogas plant comprising a fermenter (11), a biogas collection chamber (12) and inlets (13) for the biogas substrate to be fermented and outlets (14, 38) for the fermented residual biogas material, withdrawal means (46, 47) for the biogas and applications for the control and regulation (48) of the fermentation process in the fermenter (11). The fermenter (11) of the apparatus (10) in its installed position transitions in the upward direction directly into the biogas collection chamber (12), wherein the transition between the fermenter (11) and the biogas collection chamber (12) is determined by the fill level of the biogas substrate to be fermented and the fermenter (11) and the biogas collection chamber (12) are substantially integrally connected to one another and made of a foldable, tear-resistant, flexible textile fabric with a gas- and liquid-tight coating.

IPC 8 full level

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Citation (search report)

See references of WO 2021170162A1

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