

Title (en)

METHOD FOR OPERATING A BIOGAS SYSTEM AND A BIOGAS SYSTEM OPERATED IN SUCH A MANNER

Title (de)

VERFAHREN ZUM BETREIBEN EINER BIOGASANLAGE UND EINE DERART BETRIEBENE BIOGASANLAGE

Title (fr)

PROCÉDÉ POUR FAIRE FONCTIONNER UNE INSTALLATION DE PRODUCTION DE BIOGAZ ET INSTALLATION DE PRODUCTION DE BIOGAZ FONCTIONNANT SELON CE PROCÉDÉ

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Application

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Abstract (en)

[origin: WO2014012952A2] The invention relates to a method for operating a biogas system (1) according to the principle of dry fermentation with a plurality of biogas fermenters (2a-2d) that are run in batch mode. At least one of the biogas fermenters (2a-2d) has just been loaded with fresh biomass and the other biogas fermenter or fermenters (2a-2d) are in the state of producing more highly concentrated biogas. The method provides for closure of the at least one biogas fermenter (2a-2d) loaded with fresh biomass and connection of the at least one biogas fermenter (2a-2d) loaded with fresh biomass to at least one of the other biogas fermenters (2a-2d) producing biogas. In addition, there is a return of the biogas mixture from the at least one freshly loaded biogas fermenter (2a-2d) to at least one of the other biogas fermenters (2a-2d) producing biogas. After expiration of a defined time duration, the return of the biogas mixture from the freshly loaded biogas fermenter (2a-2d) is stopped. The invention also relates to a biogas system (1) which is suitable for operation in accordance with the method of the invention.

IPC 8 full level

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Citation (search report)

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