

Title (en)

A METHOD AND A SYSTEM FOR EXPLOITATION OF GAS FROM WASTE DISPOSAL SITES

Title (de)

VERFAHREN UND EINRICHTUNG ZUR AUSNUTZUNG VON GAS AUS MÜLLDEPONIE

Title (fr)

PROCEDE ET SYSTEME D'EXPLOITATION DU GAZ PRODUIT DANS LES SITES DE DECHARGES D'ORDURES

Publication

**EP 0686069 A1 19951213 (EN)**

Application

**EP 94908298 A 19940225**

Priority

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- DK 20693 A 19930225

Abstract (en)

[origin: WO9419120A1] A method and a system for exploitation of gas from waste disposal sites is described, that is biogas being generated during anaerob decomposition of the waste deposited on the disposal site, and where the gas is recovered through a recovering system consisting of a number of drillings (10) and via MPR-module (measuring pump and adjusting module) is lead to boiler or gas engine-driven generator with transformer for sale of produced energy as electricity to the electricity company and heat to heating consumers, where the gas from each single drilling (10) is lead to the MPR-module through separate tubes, that the per cent content of methane (CH<sub>4</sub>) and oxygen (O<sub>2</sub>) in the gas and the gas quantity from each drilling (10) currently is measured and adjusted by means of a common measuring and adjusting equipment, whereto gas from each single drilling (10) in turn is lead, and that the O<sub>2</sub>-concentration in the gas continuously is measured on the suction side between the absorption manifold (12) and the compressor (34), for instance screw compressor.

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