

Title (en)
METHOD AND INSTALLATION FOR RECOVERY AND UTILISATION OF METHANE FROM AN ANAEROBIC LIQUID EFFLUENT

Title (de)
VERFAHREN UND ANLAGE ZUR WIEDERGEWINNUNG UND VERWENDUNG VON METHAN AUS EINEM ANAEROBEN ABWASSER

Title (fr)
PROCÉDÉ ET INSTALLATION DE RÉCUPÉRATION ET D'UTILISATION DU MÉTHANE À PARTIR D'UN EFFLUENT LIQUIDE ANAÉROBIE

Publication
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Application
EP 11805247 A 20111207

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Abstract (en)
[origin: EP2463240A1] The invention relates to a method for recovering methane from a liquid effluent of a reactor wherein a waste stream comprising one or more organic substances has been subjected to an anaerobic degradation process in which reactor biogas, comprising methane, has been produced from said one or more organic substances, the liquid effluent comprising dissolved methane, the method comprising transferring dissolved methane from the effluent to a gas phase and using the methane to produce energy.

IPC 8 full level
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Citation (search report)
See references of WO 2012078044A1

Citation (examination)

- KEN HARTLEY ET AL: "Eliminating non-renewable CO2 emissions from sewage treatment: An anaerobic migrating bed reactor pilot plant study", BIOTECHNOLOGY AND BIOENGINEERING, WILEY & SONS, HOBOKEN, NJ, US, vol. 95, no. 3, 20 October 2006 (2006-10-20), pages 384 - 398, XP009166362, ISSN: 0006-3592, [retrieved on 20060701]
- MATSUURA N ET AL: "Closed DHS system to prevent dissolved methane emissions as greenhouse gas in anaerobic wastewater treatment by its recovery and biological oxidation", WATER SCIENCE & TECHNOLOGY, I W A PUBLISHING, GB, vol. 61, no. 9, 1 January 2010 (2010-01-01), pages 2407 - 2415, XP009166361, ISSN: 0273-1223

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