

Title (en)

METHOD AND SYSTEM FOR THE PRODUCTION OF CBM (COMPRESSED BIOMETHANE) AS A GREENHOUSE GAS-REDUCED FUEL

Title (de)

VERFAHREN UND ANLAGE ZUR HERSTELLUNG VON CBM (COMPRESSED BIOMETHANE) ALS TREIBHAUSGASREDUZIERTER KRAFTSTOFF

Title (fr)

PROCÉDÉ ET INSTALLATION POUR PRODUIRE DU BIOMÉTHANE COMPRIMÉ (CBM) UTILISÉ EN TANT QUE CARBURANT À ÉMISSION RÉDUITE DE GAZ À EFFET DE SERRE

Publication

EP 2536839 A1 20121226 (DE)

Application

EP 11704934 A 20110216

Priority

- DE 102010017818 A 20100708
- DE 102010008287 A 20100217
- EP 2011000748 W 20110216

Abstract (en)

[origin: WO2011101137A1] The invention relates to a method and systems for producing greenhouse gas-reduced biogas, for the processing of the same to greenhouse gas-reduced biomethane and regenerative carbon dioxide (CO₂), for mixing greenhouse gas-reduced biomethane and natural gas (CNG) to give a greenhouse gas-reduced mixed gas and for use of the greenhouse gas-reduced biomethane and/or the greenhouse gas-reduced mixed gas as a greenhouse gas-reduced energy source, especially as a greenhouse gas-reduced traffic fuel.

IPC 8 full level

C12P 5/02 (2006.01)

CPC (source: EP)

C07C 29/1518 (2013.01); **C10L 3/08** (2013.01); **C10L 3/104** (2013.01); **C12M 21/04** (2013.01); **C12M 21/12** (2013.01); **C12M 23/58** (2013.01); **C12M 45/20** (2013.01); **C12M 47/18** (2013.01); **C12P 5/023** (2013.01); **Y02E 50/30** (2013.01); **Y02P 20/10** (2015.11); **Y02P 20/129** (2015.11); **Y02P 20/133** (2015.11)

Citation (search report)

See references of WO 2011101137A1

Citation (examination)

EP 0942067 A1 19990915 - RES INST INNOVATIVE TECH EARTH [JP], et al

Cited by

DE102017005627A1; WO2018065591A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

DE 102010017818 A1 20110818; EP 2536839 A1 20121226; WO 2011101137 A1 20110825; WO 2011101137 A8 20111013

DOCDB simple family (application)

DE 102010017818 A 20100708; EP 11704934 A 20110216; EP 2011000748 W 20110216