

Title (en)

METHOD AND DEVICE FOR PRODUCING ORGANIC COMPOUNDS FROM BIOGAS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG VON ORGANISCHEN VERBINDUNGEN AUS BIOGAS

Title (fr)

PROCÉDÉ ET DISPOSITIF PERMETTANT LA PRODUCTION DE COMPOSÉS ORGANIQUES À PARTIR DE BIOGAZ

Publication

EP 3526335 A1 20190821 (DE)

Application

EP 18702085 A 20180110

Priority

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- EP 2018050498 W 20180110

Abstract (en)

[origin: WO2018130535A1] The invention relates to a method and a device for producing hydrocarbons, comprising the production of carbon monoxide and carbon dioxide with the addition of oxygen (5) performed in a first reaction unit (C1); fermentation with the addition of the produced carbon monoxide, the produced carbon dioxide and hydrogen (4) performed in a second reaction unit (C2); the use of biogas (12) provided by a biogas plant (11) and oxygen (5) provided by means of an electrolyzer (3) as reactants for the first reaction unit (C1) and the use of hydrogen (4) provided by means of the electrolyzer (3) as a reactant for the second reaction unit (C2).

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2018130535A1

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DOCDB simple family (publication)

DE 102017200435 A1 20180712; AU 2018207831 A1 20190502; AU 2018207831 B2 20191017; BR 112019011989 A2 20191029; CL 2019001908 A1 20191206; CN 110177880 A 20190827; EP 3526335 A1 20190821; US 2019360005 A1 20191128; WO 2018130535 A1 20180719

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