

Title (en)

A METHOD FOR THE MICROBIAL PRODUCTION OF FATTY ACIDS AND LIPIDS

Title (de)

VERFAHREN ZUR MIKROBIELLEN HERSTELLUNG VON FETTSÄUREN UND LIPIDEN

Title (fr)

PROCÉDÉ DE PRODUCTION MICROBIENNE D'ACIDES GRAS ET DE LIPIDES

Publication

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Application

EP 19725652 A 20190503

Priority

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Abstract (en)

[origin: WO2019211448A1] The invention relates to methods for the microbial production of lipids and fatty acids from organic feedstock, in particular lignocellulosic biomass, wherein a consortium of at least three different strains of microorganisms is provided, wherein the consortium comprises at least one strain of an aerobic microorganism for producing cellulolytic enzymes; at least one strain of a facultative anaerobic lactic acid and/or acetic acid producing microorganism, and at least one strain of a lipid producing microorganism for fermenting lactate and/ or acetate to at least one lipid and/or at least one strain of an obligate anaerobic microorganism for fermenting lactate and/or acetate to at least one fatty acid.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2019211448A1

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