

Title (en)

METHOD FOR PRODUCING A BIOMASS WHICH CAN BE EASILY BROKEN DOWN AND WHICH HAS AN INCREASED CONTENT OF POLYUNSATURATED FATTY ACIDS

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER LEICHT AUFSCHLIESSBAREN BIOMASSE MIT ERHÖHTEM GEHALT AN POLYUNGESÄTTIGTEN FETTSÄUREN

Title (fr)

PROCÉDÉ POUR PRODUIRE UNE BIOMASSE FACILEMENT DÉCOMPOSABLE À TENEUR ÉLEVÉE EN ACIDES GRAS POLYINSATURÉS

Publication

**EP 3877535 A1 20210915 (DE)**

Application

**EP 19802122 A 20191107**

Priority

- EP 18205303 A 20181109
- EP 2019080458 W 20191107

Abstract (en)

[origin: WO2020094751A1] According to the invention, it has been found that when cultivating PUFA-producing cells, if the quantity of sulfate to be used is selected such that the sulfate concentration is reduced to null in the last phase of the growth phase of the cells, a biomass is obtained which can be easily broken down and has an increased mass content of polyunsaturated fatty acids (PUFAs) in the final product.

IPC 8 full level

**C12P 7/64** (2006.01); **A23K 10/16** (2016.01)

CPC (source: EP US)

**A23K 20/158** (2016.05 - EP US); **A23K 50/75** (2016.05 - EP); **A23K 50/80** (2016.05 - EP); **C12N 1/125** (2021.05 - US); **C12P 7/6472** (2013.01 - EP US); **C12R 2001/89** (2021.05 - US)

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2020094751 A1 20200514**; BR 112021008853 A2 20210817; CA 3118657 A1 20200514; CN 112955564 A 20210611; EP 3877535 A1 20210915; US 2022017930 A1 20220120

DOCDB simple family (application)

**EP 2019080458 W 20191107**; BR 112021008853 A 20191107; CA 3118657 A 20191107; CN 201980073209 A 20191107; EP 19802122 A 20191107; US 201917291610 A 20191107