

Title (en)

METHOD FOR PRODUCING A BIOMASS WITH AN INCREASED CONTENT OF POLYUNSATURATED FATTY ACIDS

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER BIOMASSE MIT ERHÖHTEM GEHALT AN POLYUNGESÄTTIGTEN FETTSÄUREN

Title (fr)

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

Publication

**EP 3877534 A1 20210915 (DE)**

Application

**EP 19802121 A 20191107**

Priority

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- EP 2019080455 W 20191107

Abstract (en)

[origin: WO2020094750A1] 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 constantly above null in the last phase of the fermentation but at the same time constantly below the saturation threshold of the cells, a biomass is obtained which has an increased mass content of polyunsaturated fatty acids (PUFAs) in the final product. The method also exhibits a high product/substrate and space/time yield.

IPC 8 full level

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CPC (source: EP US)

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