

Title (en)

PRODUCTION OF CAPRIC ACID IN MIXOTROPHIC MODE USING BOTRYOCOCCUS

Title (de)

HERSTELLUNG VON CAPRINSÄURE IM MIXOTROPHEN MODUS UNTER VERWENDUNG VON BOTRYOCOCCUS

Title (fr)

PRODUCTION D'ACIDE CAPRIQUE EN MODE MIXOTROPHE PAR BOTRYOCOCCUS

Publication

EP 2825630 A1 20150121 (FR)

Application

EP 13715326 A 20130315

Priority

- FR 1252379 A 20120316
- FR 2013050543 W 20130315

Abstract (en)

[origin: WO2013136026A1] The invention relates to a method for enriching new strains of microalgae belonging to the Botryococcus genus with capric acid, under mixotrophic culture conditions and in the presence of an organic carbonaceous substrate. The biomass and the capric acid yield obtained from said strains is even greater when the light source is variable or discontinuous in the form of a flashing light.

IPC 8 full level

C12N 1/12 (2006.01); **C12N 13/00** (2006.01); **C12P 7/64** (2006.01)

CPC (source: EP)

C12N 1/12 (2013.01); **C12N 1/125** (2021.05); **C12P 7/6463** (2013.01); **C12R 2001/89** (2021.05)

Citation (search report)

See references of WO 2013136026A1

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 2013136026 A1 20130919; EP 2825630 A1 20150121; FR 2988099 A1 20130920; FR 2988099 B1 20160304; JP 2015513893 A 20150518

DOCDB simple family (application)

FR 2013050543 W 20130315; EP 13715326 A 20130315; FR 1252379 A 20120316; JP 2014561498 A 20130315