

Title (en)

PRODUCTION OF EICOSAPENTAENOIC ACID AND/OR DOCOSAHEXAENOIC ACID IN MIXOTROPHIC MODE BY CYCLOTELLA

Title (de)

HERSTELLUNG VON EICOSAPENTAENSÄURE UND/ODER DOCOSAHEXAENSÄURE IN EINEM MIXOTROPHEN MODUS DURCH CYCLOTELLA

Title (fr)

PRODUCTION D'ACIDE EICOSAPENTAENOIQUE ET/OU D'ACIDE DOCOSAHEXAENOIQUE EN MODE MIXOTROPHE PAR CYCLOTELLA

Publication

EP 2836586 A1 20150218 (FR)

Application

EP 13715324 A 20130315

Priority

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Abstract (en)

[origin: WO2013136024A1] The invention relates to novel strains of microalgae belonging to the Cyclotella cryptica species and enabling the high-yield production of lipids, in particular eicosapentaenoic acid (EPA) and/or docosahexaenoic acid (DHA), in mixotrophic mode, as well as to a method for selecting and culturing said strains using a variable and/or discontinuous supply of light, in particular in the form of flashes.

IPC 8 full level

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