

Title (en)

PRODUCTION OF POLYSACCHARIDES IN MIXOTROPHIC MODE USING NOSTOC

Title (de)

HERSTELLUNG VON POLYSACCHARIDEN IN EINEM MIXOTROPHEN MODUS MITHILFE VON NOSTOC

Title (fr)

PRODUCTION DE POLYSACCHARIDES EN MODE MIXOTROPHE PAR NOSTOC

Publication

EP 2825632 A1 20150121 (FR)

Application

EP 13715331 A 20130315

Priority

- FR 1252422 A 20120316
- FR 2013050548 W 20130315

Abstract (en)

[origin: WO2013136029A1] The invention relates to new strains of cyanobacteria belonging to the Nostoc genus, allowing high-yield production of polysaccharides, in mixotrophic mode, and to a method for selecting and culturing such strains, using a variable and/or discontinuous light source, in particular a flashing light.

IPC 8 full level

C12N 1/12 (2006.01); **C12N 13/00** (2006.01); **C12P 7/64** (2006.01); **C12P 19/04** (2006.01); **C12P 23/00** (2006.01); **C12R 1/89** (2006.01)

CPC (source: EP)

C12N 1/12 (2013.01); **C12N 1/125** (2021.05); **C12P 19/04** (2013.01); **C12R 2001/89** (2021.05)

Citation (search report)

See references of WO 2013136029A1

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 2013136029 A1 20130919; EP 2825632 A1 20150121; FR 2988102 A1 20130920; FR 2988102 B1 20160205

DOCDB simple family (application)

FR 2013050548 W 20130315; EP 13715331 A 20130315; FR 1252422 A 20120316