Title (en)

AUTOTROPHIC CULTIVATION

Title (de)

AUTOTROPHE KULTIVIERUNG

Title (fr)

CULTURE AUTOTROPHIQUE

Publication

EP 2954052 A1 20151216 (DE)

Application

EP 14701509 A 20140121

Priority

- DE 102013202106 A 20130208
- EP 2014051074 W 20140121

Abstract (en)

[origin: CA2900293A1] The invention relates to a method comprising the method steps: A) propagating cells that have been genetically modified in such a manner that they have a reduced polyhydroxyalkanoate synthesis compared to their wild type, in a medium under autotrophic conditions to form a cell density of X cells/litre; B) diluting at least one part of the cells to a cell density of 0.001 X to 0.5 X, preferably 0.01 X to 0.3 X, particularly preferably 0.05 X to 0.2 X in a medium; and C) propagating the at least one part of the cells under autotrophic conditions.

IPC 8 full level

C12N 9/10 (2006.01); **C12P 7/42** (2006.01); **C12P 7/62** (2006.01); C12R 1/01 (2006.01)

CPC (source: EP)

C12N 1/20 (2013.01); **C12P 7/42** (2013.01)

Citation (search report)

See references of WO 2014122005A1

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)

DE 102013202106 A1 20140814; BR 112015019156 A2 20170718; CA 2900293 A1 20140814; CN 104955945 A 20150930; EP 2954052 A1 20151216; KR 20150115905 A 20151014; MX 2015009925 A 20150925; RU 2015137939 A 20170315; WO 2014122005 A1 20140814

DOCDB simple family (application)

DE 102013202106 A 20130208; BR 112015019156 A 20140121; CA 2900293 A 20140121; CN 201480007955 A 20140121; EP 14701509 A 20140121; EP 2014051074 W 20140121; KR 20157024127 A 20140121; MX 2015009925 A 20140121; RU 2015137939 A 20140121