

Title (en)

METHOD AND DEVICE FOR THE MASK-FREE PRODUCTION OF BIOPOLYMERS BY MEANS OF A LIGHT DIODE ARRAY

Title (de)

VERFAHREN UND VORRICHTUNG ZUR MASKENFREIEN HERSTELLUNG VON BIOPOLYMEREN MITTELS EINES LEUCHTDIODENARRAYS

Title (fr)

PROCEDE ET DISPOSITIF PERMETTANT DE PRODUIRE SANS MASQUAGE DES BIOPOLYMERES, AU MOYEN D'UN ENSEMBLE DE DIODES ELECTROLUMINESCENTES

Publication

**EP 1242177 A1 20020925 (DE)**

Application

**EP 00991273 A 20001227**

Priority

- DE 19962803 A 19991223
- EP 0013296 W 20001227

Abstract (en)

[origin: WO0147627A1] The invention relates to a method and a device for the light-controlled synthesis of biopolymers on surfaces. Patterns of individual sequences (20) are produced on the surfaces by representing an arrangement (1) of electrically and individually controllable light diodes (2).

IPC 1-7

**B01J 19/00**; **G01N 33/552**

IPC 8 full level

**B01J 19/00** (2006.01); **B01J 19/12** (2006.01); **C07H 21/04** (2006.01); **C07K 1/04** (2006.01); **C12M 1/00** (2006.01); **G01N 33/53** (2006.01); **G01N 37/00** (2006.01); **G03F 7/20** (2006.01); **G06F 9/45** (2006.01); **G06F 11/34** (2006.01); **C40B 40/06** (2006.01); **C40B 60/14** (2006.01)

CPC (source: EP US)

**B01J 19/0046** (2013.01 - EP US); **B82Y 30/00** (2013.01 - EP US); **G03F 7/70391** (2013.01 - EP US); **B01J 2219/00317** (2013.01 - EP US); **B01J 2219/00436** (2013.01 - EP US); **B01J 2219/00529** (2013.01 - EP US); **B01J 2219/00585** (2013.01 - EP US); **B01J 2219/0059** (2013.01 - EP US); **B01J 2219/00608** (2013.01 - EP US); **B01J 2219/00626** (2013.01 - EP US); **B01J 2219/00689** (2013.01 - EP US); **B01J 2219/00695** (2013.01 - EP US); **B01J 2219/00711** (2013.01 - EP US); **B01J 2219/0072** (2013.01 - EP US); **B01J 2219/00722** (2013.01 - EP US); **C40B 40/06** (2013.01 - EP US); **C40B 60/14** (2013.01 - EP US)

Citation (search report)

See references of WO 0147627A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**WO 0147627 A1 20010705**; AU 3164701 A 20010709; CA 2396721 A1 20010705; CN 1413126 A 20030423; DE 19962803 A1 20010705; EP 1242177 A1 20020925; IL 150178 A0 20021201; JP 2003519779 A 20030624; MX PA02006195 A 20021209; NO 20023002 D0 20020621; NO 20023002 L 20020821; US 2004026229 A1 20040212

DOCDB simple family (application)

**EP 0013296 W 20001227**; AU 3164701 A 20001227; CA 2396721 A 20001227; CN 00817494 A 20001227; DE 19962803 A 19991223; EP 00991273 A 20001227; IL 15017800 A 20001227; JP 2001548211 A 20001227; MX PA02006195 A 20001227; NO 20023002 A 20020621; US 16821402 A 20020619