

Title (en)
FABRICATED BIOFILM STORAGE DEVICE

Title (de)
BIOFILM SPEICHERVORRICHTUNG

Title (fr)
DISPOSITIF DE STOCKAGE DE BIOFILMS FABRIQUES

Publication
EP 1545202 A2 20050629 (EN)

Application
EP 03796341 A 20030924

Priority
• US 0329761 W 20030924
• US 43108102 P 20020924

Abstract (en)
[origin: WO2004036992A2] The present invention includes a method and composition of storing and preserving biofilms for input and output of high-density information. One form of the present invention is a fabricated biofilm storage device with a biologic material applied to a substrate to form, e.g., a dry thin film stable at room temperature for extended periods of time. Another form of the present invention is a method of fabricating a biofilm storage device in which a biologic material is applied to a substrate under conditions that promote alignment of the biologic material on the substrate. The composition, method, and kit of the present invention have universal application in biologics, magnetics, optics and microelectronics.

IPC 1-7
A01N 1/00

IPC 8 full level
A01N 1/00 (2006.01); **C12N 11/00** (2006.01)

CPC (source: EP)
C12N 1/02 (2013.01); **C12N 7/00** (2013.01); **C12N 11/14** (2013.01); **C12N 2750/00011** (2013.01)

Citation (search report)
See references of WO 2004036992A2

Citation (examination)
WHALEY S.R. ET AL: "Selection of peptides with semiconductor binding specificity for directed nanocrystal assembly", NATURE, vol. 405, 8 June 2000 (2000-06-08), pages 665 - 668, XP002909553, DOI: doi:10.1038/35015043

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2004036992 A2 20040506; WO 2004036992 A3 20041125; AU 2003298590 A1 20040513; AU 2003298590 B2 20091119; CA 2500130 A1 20040506; EP 1545202 A2 20050629; JP 2006506059 A 20060223

DOCDB simple family (application)
US 0329761 W 20030924; AU 2003298590 A 20030924; CA 2500130 A 20030924; EP 03796341 A 20030924; JP 2004546750 A 20030924