Title (en)
ADDRESSABLE ARRAYS USING MORPHOLOGY DEPENDENT RESONANCE FOR ANALYTE DETECTION

Title (de)
ADRESSIERBARE ARRAYS MIT MORPHOLOGISCH ABHÄNGIGER RESONANZ ZUM ANALYTNACHWEIS

Title (fr)
RESEAUX ADRESSABLES UTILISANT LA RESONANCE DEPENDANT DE LA MORPHOLOGIE POUR LA DETECTION D'ANALYTES

Publication
EP 1221047 A1 20020710 (EN)

Application
EP 00965441 A 20000926

Priority
• US 0026413 W 20000926
• US 15619599 P 19990927
• US 15614599 P 19990927
• US 15647199 P 19990927

Abstract (en)
[origin: WO0123888A1] The device comprises two light sources (2, 3), a band pass filter (4), mirrors (5, 6), polarizer (7), substrate (8), optical fiber (10) for transmitting optical energy from the light sources (2, 3) to microcavity (11), signal analyzer (21) and data processor (23).

IPC 1-7
G01N 33/543; G01N 33/542; G01N 21/55; G01N 21/25

IPC 8 full level
B01J 13/00 (2006.01); **C12M 1/00** (2006.01); **C12M 1/34** (2006.01); **C12N 15/09** (2006.01); **C12Q 1/68** (2006.01); **F24J 2/32** (2006.01); **F24J 2/48** (2006.01); **F24S 10/95** (2018.01); **F28D 15/02** (2006.01); **G01N 21/64** (2006.01); **G01N 21/65** (2006.01); **G01N 31/22** (2006.01); **G01N 33/483** (2006.01); **G01N 33/53** (2006.01); **G01N 33/543** (2006.01); **G01N 33/553** (2006.01); **G01N 33/566** (2006.01); **G01N 37/00** (2006.01); B82B 1/00 (2006.01)

CPC (source: EP KR US)
B01J 13/0008 (2013.01 - EP); **B01J 13/0043** (2013.01 - EP); **B82Y 30/00** (2013.01 - EP); **F24S 70/10** (2018.04 - EP); **F28D 15/02** (2013.01 - EP KR); **F28D 15/04** (2013.01 - EP); **G01N 33/54346** (2013.01 - EP US); **G01N 33/54366** (2013.01 - EP); **G01N 33/54373** (2013.01 - EP); B82B 1/00 (2013.01 - EP); Y02E 10/40 (2013.01 - EP)

Citation (search report)
See references of WO 0123888A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 0123888 A1 20010405; AU 7616100 A 20010430; AU 7714800 A 20010430; AU 7716500 A 20010430; EP 1221047 A1 20020710; EP 1222432 A1 20020717; EP 1242510 A1 20020925; JP 2003510065 A 20030318; JP 2003510552 A 20030318; JP 2003510607 A 20030318; KR 20020070423 A 20020909; KR 20020071848 A 20020913; KR 20020077334 A 20021011; TW 445362 B 20010711; WO 0123459 A1 20010405; WO 0123822 A1 20010405

DOCDB simple family (application)
US 0026413 W 20000926; AU 7616100 A 20000926; AU 7714800 A 20000926; AU 7716500 A 20000926; EP 00965441 A 20000926; EP 00966865 A 20000926; EP 00966884 A 20000926; JP 2001526603 A 20000926; JP 2001527164 A 20000926; JP 2001527223 A 20000926; KR 20027004000 A 20020327; KR 20027004001 A 20020327; KR 20027004002 A 20020327; TW 89119834 A 20001110; US 0026346 W 20000926; US 0026386 W 20000926