

Title (en)
DEVICE FOR THE DETECTION OF FLUORESCENCE EMITTED BY CHROMOPHORIC ELEMENTS IN THE WELLS OF A MULTIWELL PLATE

Title (de)
VORRICHTUNG ZUR DETEKTION VON DURCH CHROMOPHORE ELEMENTE EMITTIERTER FLUORESZENZ IN DEN VERTIEFUNGEN EINER MULTIWELLPLATTE

Title (fr)
DISPOSITIF DE DETECTION DE LA FLUORESCENCE EMISE PAR DES ELEMENTS CHROMOPHORES DANS DES PUIITS D'UNE PLAQUE A PUIITS MULTIPLES

Publication
EP 1774297 A1 20070418 (FR)

Application
EP 05793551 A 20050725

Priority

- FR 2005001928 W 20050725
- FR 0408245 A 20040726

Abstract (en)
[origin: WO2006018534A1] The invention relates to a device for the detection of fluorescence emitted by chromophoric elements contained in the wells of a multiwell plate. The inventive device comprises means (54, 56) which are built into the transparent bases of the wells (12) of the plate (10) in order to limit the well penetration depth of a light beam used to excite the chromophoric elements (38) which are fixed to the bases (14) of the wells.

IPC 8 full level
B01L 3/00 (2006.01); **G01N 21/64** (2006.01); **G01N 21/77** (2006.01)

CPC (source: EP US)
G01N 21/6452 (2013.01 - EP US); **G01N 2021/6484** (2013.01 - EP US); **G01N 2201/06193** (2013.01 - EP US); **G01N 2201/0826** (2013.01 - EP US)

Citation (search report)
See references of WO 2006018534A1

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

DOCDB simple family (publication)
FR 2873445 A1 20060127; CN 101002083 A 20070718; EP 1774297 A1 20070418; US 2008056950 A1 20080306; WO 2006018534 A1 20060223

DOCDB simple family (application)
FR 0408245 A 20040726; CN 200580025397 A 20050725; EP 05793551 A 20050725; FR 2005001928 W 20050725; US 62704307 A 20070125