Title (en)

DEVICE AND METHOD FOR MEASUREMENT

Title (de)

VORRICHTUNG UND MESSVERFAHREN

Title (fr)

DISPOSITIF ET PROCEDE DE MESURE

Publication

EP 1535056 A1 20050601 (DE)

Application

EP 03766413 A 20030730

Priority

- CH 13442002 A 20020731
- EP 0350350 W 20030730

Abstract (en)

[origin: WO2004013625A1] Substances either separated or not by means of 1D or 2D flat bed electrophoresis or chromatography can be directly measured without pre-marking, by means of measuring the fluorescence thereof in the UV region with a UV detector, the above being stimulated by means of irradiation with UV light in the wavelength range of 140 to 320 nm.

IPC 1-7

G01N 27/447

IPC 8 full level

G01N 21/64 (2006.01); **G01N 27/447** (2006.01); **G01N 30/95** (2006.01)

CPC (source: EP US)

G01N 27/44721 (2013.01 - EP US)

Citation (search report)

See references of WO 2004013625A1

Citation (examination)

- YAMAMOTO H. ET AL: "Ultraviolet imaging densitometry of unstained gels for two-dimensional electrophoresis", ANALYTICAL BIOCHEMISTRY, vol. 191, 1990, pages 58 - 64, XP009015608
- KAZMIN D. ET AL: "Visualization of proteins in acrylamide gels using ultraviolet illumination", ANALYTICAL BIOCHEMISTRY, vol. 301, February 2002 (2002-02-01), pages 91 - 96, XP002251530
- KOUTNY L.B.; YEUNG E.S.: "On-line detection of proteins in gel electrophoresis by ultraviolet absorption and by native fluorescence utilizing a charge-coupled device imaging system", ANALYTICAL CHEMISTRY, vol. 65, 1993, pages 187, XP009015610

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 2004013625 A1 20040212; AU 2003262553 A1 20040223; AU 2003262553 A8 20040223; CA 2494282 A1 20040212; DE 20320317 U1 20040415; EP 1535056 A1 20050601; JP 2005534914 A 20051117; US 2005259256 A1 20051124

DOCDB simple family (application)

EP 0350350 W 20030730; AU 2003262553 A 20030730; CA 2494282 A 20030730; DE 20320317 U 20030730; EP 03766413 A 20030730; JP 2004525432 A 20030730; US 52283005 A 20050218