

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)  
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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

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