

Title (en)

METHOD AND MEASUREMENT DEVICE FOR ANALYSING ATOMS AND MOLECULES IN ANALYSIS SAMPLES

Title (de)

VERFAHREN UND MESSGERÄT ZUR BESTIMMUNG VON ATOMEN UND MOLEKÜLEN IN ANALYSEPROBEN

Title (fr)

PROCÉDÉ ET APPAREIL DE MESURE POUR LA DÉTERMINATION D'ATOMES ET DE MOLÉCULES DANS DES ÉCHANTILLONS D'ANALYSE

Publication

**EP 2686666 A1 20140122 (DE)**

Application

**EP 12715817 A 20120315**

Priority

- DE 202011004065 U 20110316
- EP 2012001167 W 20120315

Abstract (en)

[origin: WO2012123124A1] The invention relates to a method and a measurement device for qualitatively and quantitatively analysing analytes in gaseous or liquid samples, by simultaneously, or quasi-simultaneously, analysing characteristic spectral absorption lines of atoms, ions, or molecules, and the corresponding background absorption caused by interfering substances in the sample. In particular, the invention relates to the corresponding photometric analysis of mercury in gaseous samples.

IPC 8 full level

**G01N 21/31** (2006.01); **G01N 21/33** (2006.01)

CPC (source: EP)

**G01N 21/3151** (2013.01); **G01N 21/031** (2013.01); **G01N 21/65** (2013.01); **G01N 2021/3118** (2013.01); **G01N 2021/3125** (2013.01); **G01N 2201/129** (2013.01)

Citation (search report)

See references of WO 2012123124A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**DE 202011004065 U1 20120102**; EP 2686666 A1 20140122; WO 2012123124 A1 20120920

DOCDB simple family (application)

**DE 202011004065 U 20110316**; EP 12715817 A 20120315; EP 2012001167 W 20120315