

Title (en)

DEVICE FOR THE ANALYSIS OF ELEMENTS CONTAINED IN DROPLET LIQUID SAMPLES

Title (de)

VORRICHTUNG ZUR ANALYSE VON IN TRÖPFCHENFÖRMIGEN FLÜSSIGKEITSPROBEN ENTHALTENEN ELEMENTEN

Title (fr)

DISPOSITIF POUR ANALYSER DES ELEMENTS CONTENUS DANS DES ECHANTILLONS DE LIQUIDES SOUS FORME DE GOUTTELETTES

Publication

**EP 1163505 A1 20011219 (DE)**

Application

**EP 01909494 A 20010118**

Priority

- DE 0100196 W 20010118
- DE 10002970 A 20000125

Abstract (en)

[origin: DE10002970A1] The invention relates to a device (10) for the analysis of elements contained in liquid samples (11). The device is provided with a laser light source (12) that emits laser light (13) onto a droplet liquid sample (11) that can be introduced into an analysis chamber (14) to generate a plasma (15) of the liquid sample (11). The light (16) or the material (16) emitted by the plasma (15) can be transferred to an analytical unit (17).

IPC 1-7

**G01N 21/71**; **H01J 49/04**

IPC 8 full level

**G01N 21/71** (2006.01); **H01J 49/04** (2006.01)

CPC (source: EP)

**G01N 21/718** (2013.01); **H01J 49/04** (2013.01); **H01J 49/162** (2013.01)

Citation (search report)

See references of WO 0155700A1

Citation (examination)

- US 5999250 A 19991207 - HAIRSTON PETER P [US], et al
- US 5681752 A 19971028 - PRATHER KIMBERLY A [US]
- WO 9208120 A1 19920514 - UNIV MACQUARIE [AU]

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CN115791758A

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**DE 10002970 A1 20010802**; **DE 10002970 B4 20040916**; EP 1163505 A1 20011219; WO 0155700 A1 20010802

DOCDB simple family (application)

**DE 10002970 A 20000125**; DE 0100196 W 20010118; EP 01909494 A 20010118