

Title (en)

METHOD OF SEEKING AT LEAST ONE ANALYTE IN A MEDIUM LIKELY TO CONTAIN IT

Title (de)

VERFAHREN ZUR SUCHE NACH WENIGSTENS EINEM ANALYTEN IN EINEM DIESEN WAHRSCHEINLICH ENTHALTENDEN MEDIUM

Title (fr)

PROCÉDÉ DE RECHERCHE D'AU MOINS UN ANALYTE DANS UN MILIEU SUSCEPTIBLE DE LE CONTENIR

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Application

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Abstract (en)

[origin: WO2010029139A1] The invention relates to a method for seeking the presence of an analyte bound to a probe, in which a periodic geometrical pattern (24), constituting a diffracting system (2), is formed by an alternation of zones with a probe A and zones with no probe A. The diffracting system (2) is produced so as to be diffracting before a sensitization step, i.e. a step during which a probe is temporarily brought into contact with a medium likely to contain an analyte and during which the possible analyte is fixed to the probe. The method comprises at least the following steps: measurement of a power P1 of a first-order diffraction beam of a diffraction field produced by the diffracting system, probe A not sensitized; sensitization of probe A; measurement of a power P1a of a first-order diffraction beam of a diffraction field produced by the diffracting system; and comparison of the measured powers P1 and P1a.

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