

Title (en)

CHEMICAL AND/OR BIOMOLECULAR ANALYSIS INTEGRATED SYSTEM AND METHOD FOR MANUFACTURING THE SAME

Title (de)

INTEGRIERTES SYSTEM FÜR CHEMISCHE UND/ODER BIOMOLEKULARE ANALYSE SOWIE VERFAHREN ZU SEINER HERSTELLUNG

Title (fr)

SYSTÈME INTÉGRÉ D'ANALYSE CHIMIQUE ET/OU BIOMOLÉCULAIRE ET SON PROCÉDÉ DE FABRICATION

Publication

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Application

EP 08720191 A 20080114

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Abstract (en)

[origin: WO2008090578A1] The invention relates to an integrated system characterised in that it comprises a support, on a face of which a photo sensor is realised, and on that same face, or on the opposite face with respect to said photo sensor, it is positioned sample to be analysed, said photo sensor providing a current proportional to the luminous power emitted by chemiluminescent, bioluminescent or fluorescent samples, reading of photocurrent permitting a quantitative measurement of analysed sample, in case it is a fluorescent sample, or measures carried out by absorption, the system being illuminated by a suitable electromagnetic radiation (e.g. ultraviolet light). Said photo sensor provides a current proportional to the luminous power emitted by samples analysed, permitting a quantitative measurement of analyte. The invention further relates to a method for manufacturing the same system.

IPC 8 full level

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Citation (search report)

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