

Title (en)

METHOD AND DEVICE FOR DETECTING AND QUANTIFYING SUBSTANCES IN BODY FLUIDS.

Title (de)

METHODE UND VORRICHTUNG ZUR DETEKTION UND QUANTIFIZIEREN VON SUBSTANTEN IN KÖRPERFLÜSSIGKEIT.

Title (fr)

PROCEDE ET DISPOSITIF DE DETECTION ET DE QUANTIFICATION DE SUBSTANCES DANS DES LIQUIDES ORGANIQUES.

Publication

**EP 0649476 A1 19950426 (EN)**

Application

**EP 93916805 A 19930628**

Priority

- US 9306131 W 19930628
- US 90572992 A 19920629

Abstract (en)

[origin: WO9400602A1] An (in vivo) method and apparatus for detecting an analyte in an individual. A sensor that includes a fluorescence reagent is placed in communication with the body fluids of the individual suspected of containing the analyte in such a way that once in place said sensor does not exit the skin of the individual. The sensor is configured to retain the fluorescence reagent while allowing analyte to diffuse into and out of said sensor. The sensor is illuminated transdermally, and the fluorescence from the fluorescence reagent associated with the presence of the analyte is measured.

[origin: WO9400602A1] An in vivo method and apparatus for detecting an analyte in an individual. A sensor that includes a fluorescence reagent is placed in communication with the body fluids of the individual suspected of containing the analyte in such a way that once in place said sensor does not exit the skin of the individual. The sensor is configured to retain the fluorescence reagent while allowing analyte to diffuse into and out of said sensor. The sensor is illuminated transdermally, and the fluorescence from the fluorescence reagent associated with the presence of the analyte is measured.

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IPC 8 full level

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CPC (source: EP)

**C12Q 1/6818** (2013.01); **C12Q 1/6825** (2013.01); **G01N 33/52** (2013.01); **G01N 33/582** (2013.01)

Citation (third parties)

Third party :

- WO 9109312 A1 19910627 - SENSOR TECHNOLOGIES INC [US]
- US 4401122 A 19830830 - CLARK JR LELAND C [US]

Designated contracting state (EPC)

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