

Title (en)

MODIFIED CARTRIDGE WITH ADSORBENT POLYMER FOR SOLID-PHASE EXTRACTION (SPE)

Title (de)

MODIFIZIERTE KASSETTE MIT ADSORBENSPOLYMER ZUR FESTPHASENEXTRAKTION (SPE)

Title (fr)

CARTOUCHE MODIFIÉE AVEC POLYMÈRE ADSORBANT POUR UNE EXTRACTION EN PHASE SOLIDE (SPE)

Publication

EP 2247934 A1 20101110 (EN)

Application

EP 09707264 A 20090209

Priority

- GB 2009050126 W 20090209
- GB 0802355 A 20080208

Abstract (en)

[origin: WO2009098522A1] A solid phase extraction (SPE) cartridge for use in a fluorimetric assay comprises an elongate container (10) of a material permeable to fluorescent radiation, having an open inlet end and an open outlet end. For assay of a compound of interest, a solid adsorbent stationary phase (11) is provided in the container to adsorb the target compound from a mobile phase. To reduce background fluorescence that may interfere with the assay, at least one region (12,13) that is at least partially impermeable to fluorescent radiation, for example by absorbance, scattering or refracting, is provided in or on the container wall, suitably on the outlet side and/or the inlet side of the anticipated location of a band or layer (14) of a compound of interest adsorbed in the stationary phase during an SPE procedure.

IPC 8 full level

G01N 1/40 (2006.01)

CPC (source: EP)

G01N 1/405 (2013.01); **G01N 21/03** (2013.01); **G01N 21/64** (2013.01); **G01N 30/6082** (2013.01); **G01N 2021/6482** (2013.01); **G01N 2030/009** (2013.01); **G01N 2201/064** (2013.01)

Citation (search report)

See references of WO 2009098522A1

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

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