Title (en)
METHOD AND DEVICE FOR AUTOMATICALLY AND DIRECTLY ANALYZING DRIED-SPOT SAMPLES BY MEANS OF THE LC-MS SYSTEM

Title (de)
VERFAHREN UND VORRICHTUNG ZUM AUTOMATISCHEN UND DIREKTEN ANALYSIEREN VON "DRIED SPOT"-PROBEN MITTELS LC-MS-SYSTEM

Title (fr)
PROCÉDÉ ET DISPOSITIF D'ANALYSE AUTOMATIQUE ET DIRECTE DES ÉCHANTILLONS DE TYPE « GOUTTE SÉCHÉE » AU MOYEN D'UN SYSTÈME LC-MS

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Abstract (en)
[origin: WO2011151083A2] The invention relates to a method, to a device, and to uses for directly analyzing samples by means of HPLC, wherein the sample, which contains at least one analyte, is applied in liquid form to a sample carrier (3) and dried, such that the sample is present on the sample carrier (3) in the form of a dried spot, clamped in a pressure-tight manner between two adapters (7, 9) of an adapter system (1), wherein each of the adapters (7, 9) has a central cavity (19, 21) in the direction of the clamped sample, into which an extraction agent is fed via a feed line (5) in the case of one adapter, and in case of the other adapter, said agent is removed via a discharge line (11), and, in the process, said agent flows through the clamped sample carrier (3), and the sample is washed out of the sample carrier (3). In addition, a washing agent is fed via a feed line (5) into one adapter and is removed via a discharge line (11) in the other adapter, as an outlet adapter (9).

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