

Title (en)

SAMPLE CARRIER BOARD AND METHOD FOR THE AUTOMATIC EXTRACTION AND DIRECT ANALYSIS OF SAMPLES

Title (de)

PROBENTRÄGERKARTE UND VERFAHREN ZUR AUTOMATISCHEN EXTRAKTION UND DIREKTEN ANALYSE VON PROBEN

Title (fr)

CARTE DE PORTE-ÉCHANTILLON ET PROCÉDÉ D'EXTRACTION AUTOMATIQUE ET D'ANALYSE DIRECTE D'ÉCHANTILLONS

Publication

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Application

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Abstract (en)

[origin: WO2012130457A1] The invention relates to a sample carrier board comprising an integrated sample carrier (11) for analytical measuring methods, wherein the sample carrier (11) is built up in at least two layers to directly receive a sample to be measured and comprising at least one extraction layer (13) and at least one filter layer (15). The sample carrier (1) is embedded in a sample carrier front board (3) and a sample carrier rear board (5), each made of plastic, which together form the sample carrier board (1). The sample carrier (11) has a plurality of sample feed areas (9), wherein the individual sample feed areas (9) are attached, separated from one another, by means of a seal (17). The sample carrier front board (3) and the sample carrier rear board (5) each have at least one cutout (7, 7'), wherein each of the at least one cutouts (7, 7') is disposed above the sample feed areas (9) and exposes these areas to the exterior. The invention also relates to a method for the direct analysis of samples by the extraction of the sample from at least one sample carrier which is embedded in the previously explained sample carrier board (1).

IPC 8 full level

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