

Title (en)  
SAMPLE ASSAY APPARATUS, SAMPLE ASSAY MODULE ARRANGEMENT AND METHOD OF MANUFACTURING THE SAMPLE ASSAY APPARATUS

Title (de)  
PROBENTESTGERÄT, PROBENTESTMODULANORDNUNG UND VERFAHREN ZUR HERSTELLUNG DES PROBENTESTGERÄTES

Title (fr)  
APPAREIL D'ANALYSE D'ÉCHANTILLON, AGENCEMENT DE MODULES D'ANALYSE D'ÉCHANTILLON ET PROCÉDÉ DE FABRICATION DE L'APPAREIL D'ANALYSE D'ÉCHANTILLON

Publication  
**EP 4245415 A1 20230920 (EN)**

Application  
**EP 22162110 A 20220315**

Priority  
EP 22162110 A 20220315

Abstract (en)  
A sample assay apparatus 100 for accommodating a plurality of samples, comprises a well film component 10 extending along a main film plane and being shaped for providing a plurality of sample wells 11 deepening in a direction perpendicular to the main film plane, and a carrier device 20 being arranged for supporting the well film component 10 and comprising a circumferential carrier frame 21 with an internal frame opening 22, wherein the well film component 10 contacts the carrier frame 21, wherein the carrier device 20 further comprises a supporting grid 23 with grid webs 24 surrounding grid openings 25, the supporting grid 23 is arranged in the internal frame opening 22 in connection with the carrier frame 21 and the supporting grid 23 extends parallel to the main film plane, the well film component 10 is fixedly connected to the carrier frame 21, and the well film component 10 is supported by the grid webs 24. Furthermore, a sample assay module arrangement and a method of manufacturing the sample assay apparatus 100 are described.

IPC 8 full level  
**B01L 9/00** (2006.01); **B01L 3/00** (2006.01); **B01L 7/00** (2006.01)

CPC (source: EP)  
**B01L 3/50853** (2013.01); **B01L 7/52** (2013.01); **B01L 9/523** (2013.01); **B01L 2200/025** (2013.01); **B01L 2300/0829** (2013.01); **B01L 2300/0887** (2013.01); **B01L 2300/1822** (2013.01); **B01L 2300/1827** (2013.01)

Citation (applicant)  
WO 2020225420 A1 20201112 - SCIENION AG [DE]

Citation (search report)  
• [XII] US 2009298718 A1 20091203 - DENMAN PAUL WINFIELD [US], et al  
• [XII] US 2014206079 A1 20140724 - MALINOSKI JON M [US], et al  
• [XII] GB 2494860 A 20130327 - ABGENE LTD [GB]  
• [XII] GB 2288233 A 19951011 - AKZO NOBEL NV [NL]

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**EP 4245415 A1 20230920**

DOCDB simple family (application)  
**EP 22162110 A 20220315**