

Title (en)

Image projection method and device for supporting manual MALDI sample preparation

Title (de)

Bildprojektionsverfahren und -vorrichtung zur Unterstützung der händischen MALDI-Probenpräparation

Title (fr)

Procédé et dispositif de projection d'image destinés à soutenir la préparation pratique d'échantillons MALDI

Publication

EP 2669011 B1 20180516 (DE)

Application

EP 12170042 A 20120530

Priority

EP 12170042 A 20120530

Abstract (en)

[origin: EP2669011A1] The deposition aid (2) has a holder (6) for sample carrier (8) that is provided with several sample locations, and a guidance system which selects the sample locations. A projector projects the constructed two-dimensional optical image onto a portion of the sample location so that the selected sample location is highlighted with respect to neighboring not-selected sample locations that are perceived by the human eye. A control system (10) actuates the device for the automatic detection of manual deposition process. An independent claim is included for a method for assisting manual preparation of samples.

IPC 8 full level

B01L 99/00 (2010.01); **H01J 49/04** (2006.01)

CPC (source: EP US)

B01L 9/50 (2013.01 - EP US); **B01L 9/523** (2013.01 - EP US); **B01L 99/00** (2013.01 - EP US); **H01J 49/0418** (2013.01 - EP US); **B01L 2200/0621** (2013.01 - EP US); **B01L 2300/02** (2013.01 - EP US); **B01L 2300/0627** (2013.01 - EP US); **B01L 2300/0829** (2013.01 - EP US)

Cited by

EP3403725A1; EP3226877A4; WO2018210728A1

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

DOCDB simple family (publication)

EP 2669011 A1 20131204; **EP 2669011 B1 20180516**; CN 203367220 U 20131225; ES 2683773 T3 20180927; US 10413906 B2 20190917; US 2013323406 A1 20131205; US 2016314954 A1 20161027; US 9480986 B2 20161101

DOCDB simple family (application)

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