

Title (en)

DEVICE AND METHOD FOR HANDLING REAGENTS

Title (de)

VORRICHTUNG UND VERFAHREN ZUR HANDHABUNG VON REAGENZIEN

Title (fr)

DISPOSITIF ET PROCÉDÉ DE MANIPULATION DE RÉACTIFS

Publication

EP 3065869 A1 20160914 (DE)

Application

EP 14786497 A 20141016

Priority

- DE 102013222283 A 20131104
- EP 2014072245 W 20141016

Abstract (en)

[origin: WO2015062875A1] A device (10, 60), especially microfluidic device for performance of an immunoassay, having a first, a second and a third fluidically connected chamber (1, 2, 3) and a membrane (12), characterized in that in the event of a given deflection of the membrane (12) into the first chamber (1) a first fluid (11) is passed at least partly out of the first chamber (1) into the second chamber (2), in such a way that a second fluid (21) is at least partly displaced from the second chamber (2) into the third chamber (3), in such a way that the third chamber (3) is entirely filled with the second fluid (21).

IPC 8 full level

B01L 3/00 (2006.01)

CPC (source: EP US)

B01L 3/50273 (2013.01 - EP US); **B01L 2300/0816** (2013.01 - EP US); **B01L 2300/0867** (2013.01 - EP US); **B01L 2300/087** (2013.01 - EP US); **B01L 2300/0887** (2013.01 - EP US); **B01L 2300/123** (2013.01 - EP US); **B01L 2400/0475** (2013.01 - US); **B01L 2400/0481** (2013.01 - EP US)

Citation (search report)

See references of WO 2015062875A1

Citation (examination)

- US 2012177543 A1 20120712 - BATTRELL C FREDERICK [US], et al
- US 2009185955 A1 20090723 - NELLISSEN ANTONIUS JOHANNES MARIA [NL]
- EP 2259072 A1 20101208 - NEC CORP [JP], et al

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

DOCDB simple family (publication)

DE 102013222283 B3 20150115; CN 105682803 A 20160615; CN 105682803 B 20171212; EP 3065869 A1 20160914; US 10562026 B2 20200218; US 2016263573 A1 20160915; WO 2015062875 A1 20150507

DOCDB simple family (application)

DE 102013222283 A 20131104; CN 201480060903 A 20141016; EP 14786497 A 20141016; EP 2014072245 W 20141016; US 201415033952 A 20141016