Title (en)

AUTOMATED IMMUNOANALYZER SYSTEM FOR PERFORMING DIAGNOSTIC ASSAYS FOR AUTOIMMUNE AND INFECTIOUS DISEASES

Title (de)

AUTOMATISIERTES IMMUNANALYSESYSTEM ZUR DURCHFÜHRUNG VON DIAGNOSETESTS FÜR AUTOIMMUN- UND INFEKTIONSKRANKHEITEN

Title (fr)

SYSTÈME D'IMMUNO-ANALYSEUR AUTOMATISÉ POUR EFFECTUER DES DOSAGES DIAGNOSTIQUES DESTINÉS À DIAGNOSTIQUER DES MALADIES AUTO-IMMUNES ET INFECTIEUSES

Publication

EP 3278109 A4 20180815 (EN)

Application

EP 15887969 A 20150330

Priority

US 2015023408 W 20150330

Abstract (en)

[origin: WO2016159960A1] A quantitative method for diagnosing an autoimmune disease or an infectious disease comprising performing an automated diagnostic assay, comprising: incubating a capture reagent with a streptavidin-coated medium to form a solid phase complex, wherein the capture reagent is a biotinylated autoantigen or infectious disease antigen; washing the solid phase complex to remove excess capture reagent; incubating the solid phase complex with a serum sample to form an immune complex; washing the immune complex to remove any unbound sample; incubating the immune complex with a conjugate to create an immune-conjugate complex; washing the immune-conjugate complex to remove any unbound conjugate; introducing a substrate capable of generating a quantifiable response; and calibrating the response generated from introducing the substrate.

IPC 8 full level

G01N 33/564 (2006.01); **G01N 33/543** (2006.01); **G01N 33/569** (2006.01); **G01N 33/68** (2006.01)

CPC (source: EP)

G01N 33/54353 (2013.01); **G01N 33/564** (2013.01); **G01N 33/569** (2013.01)

Citation (search report)

- [XI] US 2014274784 A1 20140918 - VAN CLEVE MARK DAVID [US], et al
- [A] US 2011151582 A1 20110623 - BASILE ALISON JANE [US]
- See references of WO 2016159960A1

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CN112485432A

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)

WO 2016159960 A1 20161006; AU 2015389978 A1 20170928; CA 2981455 A1 20161006; CN 107548461 A 20180105; EP 3278109 A1 20180207; EP 3278109 A4 20180815; HK 1248804 A1 20181019; JP 2018510354 A 20180412

DOCDB simple family (application)

US 2015023408 W 20150330; AU 2015389978 A 20150330; CA 2981455 A 20150330; CN 201580078733 A 20150330; EP 15887969 A 20150330; HK 18108131 A 20180625; JP 2017551241 A 20150330