

Title (en)

DIAGNOSTIC DEVICE FOR EVALUATING MICROBIAL CONTENT OF A SAMPLE

Title (de)

DIAGNOSTISCHE VORRICHTUNG ZUR BESTIMMUNG DES MIKROBENGEGHALTS EINER PROBE

Title (fr)

DISPOSITIF DE DIAGNOSTIC POUR ÉVALUER LA TENEUR MICROBIENNE D'UN ÉCHANTILLON

Publication

EP 2961826 A4 20170111 (EN)

Application

EP 14756480 A 20140228

Priority

- US 201361770391 P 20130228
- US 2014019389 W 20140228

Abstract (en)

[origin: WO2014134431A1] A diagnostic device evaluates microbial content of a sample. In some embodiments, the diagnostic device includes a plurality of sample cells in which the microbial content of a sample is evaluated. Electronic circuitry is used to apply electrical signals to electrodes that interact with the sample in the sample cells. The electronic circuitry also measures one or more characteristics of the sample. Using the measured characteristics, the diagnostic device performs one or more of: identifying microbes, counting microbes, and determining antimicrobial sensitivity of microbes within the sample.

IPC 8 full level

C12M 1/34 (2006.01); **G01N 33/48** (2006.01); **G01N 33/487** (2006.01)

CPC (source: EP)

G01N 33/48735 (2013.01); **G01N 33/02** (2013.01); **G01N 33/18** (2013.01); **G01N 33/24** (2013.01); **G01N 33/483** (2013.01)

Citation (search report)

- [I] US 2013017534 A1 20130117 - NICKEL CYNTHIA S [US], et al
- [A] WO 2011045547 A1 20110421 - NANOTEC SOLUTION [FR], et al
- [A] WO 2010010313 A2 20100128 - NANOTEC SOLUTION [FR], et al
- [A] US 2004251131 A1 20041216 - UENO HIROYA [JP], et al
- See references of WO 2014134431A1

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 2014134431 A1 20140904; CA 2907722 A1 20140904; CN 105143435 A 20151209; EP 2961826 A1 20160106; EP 2961826 A4 20170111; KR 20150124980 A 20151106

DOCDB simple family (application)

US 2014019389 W 20140228; CA 2907722 A 20140228; CN 201480023636 A 20140228; EP 14756480 A 20140228; KR 20157026714 A 20140228