Title (en)
SYSTEMS AND METHODS FOR ANALYZING MICROBIOLOGICAL SUBSTANCES

Title (de)
SYSTEME UND VERFAHREN ZUR ANALYSE MIKROBIOLOGISCHER SUBSTANZEN

Title (fr)
SYSTÈMES ET PROCÉDÉS POUR ANALYSER DES SUBSTANCES MICROBIOLOGIQUES

Publication
EP 2895614 A4 20160511 (EN)

Application
EP 13836725 A 20130904

Priority
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Abstract (en)
[origin: WO2014042933A1] Disclosed are systems and methods for monitoring a fluid for the purpose of identifying microbiological content and/ or microorganisms and determining the effectiveness of a microbiological treatment. One method of monitoring a fluid includes containing the fluid within a flow path, the fluid including at least one microorganism present therein, optically interacting electromagnetic radiation from the fluid with at least one integrated computational element, thereby generating optically interacted light, receiving with at least one detector the optically interacted light, and generating with the at least one detector an output signal corresponding to a characteristic of the fluid, the characteristic of the fluid being a concentration of the at least one microorganism within the fluid.

IPC 8 full level
C12Q 1/64 (2006.01); **C12Q 1/02** (2006.01); **G01N 21/31** (2006.01)

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Citation (search report)
• [YD] US 2012208264 A1 20120816 - BERND KROON [SA], et al
• [Y] PRIORE RYAN J ET AL: "Miniature stereo spectral imaging system for multivariate optical computing", APPLIED SPECTROSCOPY, vol. 58, no. 7, July 2004 (2004-07-01), pages 870 - 873, XP055261764, ISSN: 0003-7028
• See references of WO 2014042933A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
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