

Title (en)
SYSTEM AND METHOD FOR INTEGRATING FLUIDS AND REAGENTS IN SELF-CONTAINED CARTRIDGES CONTAINING PARTICLE AND MEMBRANE SENSOR ELEMENTS

Title (de)
SYSTEM UND VERFAHREN ZUR INTEGRATION VON FLÜSSIGKEITEN UND REAGENZIEN IN GESCHLOSSENEN PARTIKEL- UND MEMBRANSENSORELEMENTE ENTHALTENDEN KARTUSCHEN

Title (fr)
SYSTEME ET PROCEDE D'INTEGRATION DE FLUIDES ET DE REACTIFS DANS DES CARTOUCHES AUTONOMES CONTENANT DES DETECTEURS DE MEMBRANE ET DE PARTICULES

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Abstract (en)
[origin: WO2005083423A2] Described herein is an analyte detection device and method related to a portable instrument suitable for point-of-care analyses. In some embodiments, a portable instrument may include a disposable cartridge, an optical detector, a sample collection device and/or sample reservoir, reagent delivery systems, fluid delivery systems, one or more channels, and/or waste reservoirs. Use of a portable instrument may reduce the hazard to an operator by reducing an operator's contact with a sample for analysis. The device is capable of obtaining diagnostic information using cellular- and/or particle-based analyses and may be used in conjunction with membrane- and/or particle-based analysis cartridges. Analytes, including proteins and cells and/or microbes may be detected using the membrane and/or particle based analysis system.

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