

Title (en)
MEASUREMENT OF ANALYTE CONCENTRATION

Title (de)
ANALYTKONZENTRATIONSMESSUNG

Title (fr)
DISPOSITIF ET PROCEDE

Publication
EP 1583841 A1 20051012 (EN)

Application
EP 04701626 A 20040113

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Abstract (en)
[origin: GB2397375A] The apparatus (100) comprises a first optical wavelength source (31), a second wavelength source (32), an optical detector (40), and an opening (22). The first wavelength source and second wavelength source are aligned to illuminate a fluid sample (15) received within the opening. The optical detector is aligned to measure the light reflected from the fluid sample at the first and second optical wavelengths. A control means (50) determines the analyte concentration in accordance with the reflected light measured at the said wavelengths. The said sources and the detector may be parallel, or there may be a rotational offset (of e.g. 55 to 70 degrees) between the detector and the sources. The said first and second optical sources may have wavelengths of 700nm and 575nm respectively.

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