

Title (en)

METHOD AND APPARATUS FOR DETERMINING CHARACTERISTICS OF A SAMPLE IN THE PRESENCE OF AMBIENT LIGHT

Title (de)

VERFAHREN UND VORRICHTUNG ZUM BESTIMMEN DER EIGENSCHAFTEN EINER PROBE IN ANWESENHEIT VON UMGEBUNGSLICHT

Title (fr)

PROCEDE ET APPAREIL DE DETERMINATION DES CARACTERISTIQUES D'UN ECHANTILLON EN PRESENCE DE LUMIERE AMBIANTE

Publication

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Application

EP 96928966 A 19960822

Priority

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Abstract (en)

[origin: WO9708523A1] A device (20) determines an optical intensity of light emanating from a sample (22) situated under periodically varying ambient light (34). The device (20) includes a selectively illuminating light source (26a, 26b) that can be switched between on and off states that illuminates the sample (22). A detector (36) detects the optical intensities of the sample (22) a first plurality of times with the effects of the illuminating light source (26a, 26b) to produce a plurality of collective light intensity measurements, and a second plurality of times without the effects of the light source (26a, 26b) to produce a plurality of ambient light intensity measurements. A processor quantitatively determines, based upon the multiple collective intensity measurements and the multiple ambient light intensity measurements, the intensity amount of each of the collective light intensity measurements that results from the illuminating source (26a, 26b).

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Citation (search report)

- [A] US 5070244 A 19911203 - SIMPSON STEPHEN W [AU]
- See references of WO 9708523A1

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