

Title (en)

DEVICE AND METHOD FOR THE OPTICAL MEASUREMENT OF CHEMICAL AND/OR BIOLOGICAL SAMPLES

Title (de)

VORRICHTUNG UND VERFAHREN ZUR OPTISCHEN MESSUNG VON CHEMISCHEN UND/ODER BIOLOGISCHEN PROBEN

Title (fr)

DISPOSITIF ET PROCEDE DE MESURE OPTIQUE D'ECHANTILLONS CHIMIQUES ET/OU BIOLOGIQUES

Publication

**EP 1384104 A2 20040128 (DE)**

Application

**EP 02738002 A 20020426**

Priority

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- EP 0204623 W 20020426

Abstract (en)

[origin: WO02088819A2] An optical measuring device for the measurement of chemical and/or biological samples comprises an illumination device (16), for the illumination of the sample (20) for measurement. A lens arrangement (22) is further provided, for imaging a region of the sample in an image field (10). A first partial region (12) of the image field is recorded by a first detector (28) and a second partial region (14) of the image field (10) is recorded by a second detector (34). It is thus possible to change between two measuring techniques without switching or to carry out two measurements simultaneously on one sample.

IPC 1-7

**G02B 21/18**; **G01N 21/00**; **G02B 27/14**

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 02088819A2

Citation (examination)

JP S5913206 A 19840124 - HITACHI ELECTRONICS

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**WO 02088819 A2 20021107**; **WO 02088819 A3 20030925**; AU 2002312858 A1 20021111; DE 10121064 A1 20021031; EP 1384104 A2 20040128; US 2004257576 A1 20041223; US 7474777 B2 20090106

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