

Title (en)
APPARATUS FOR DETERMINING SPECTRAL ABSORPTION

Title (de)
VORRICHTUNG ZUM BESTIMMEN DER SPEKTRALEN ABSORPTION

Title (fr)
APPAREIL POUR DETERMINER L'ABSORPTION SPECTRALE

Publication
EP 0901338 A1 19990317 (EN)

Application
EP 95925446 A 19950703

Priority
US 9508343 W 19950703

Abstract (en)
[origin: WO9701985A1] An apparatus for determining spectral absorption by a specific substance in a fluid having an energy source (48, 49), a sensor (34), an interface device, a support structure, and a connector (14). The energy source (48, 49) directs energy having a predetermined wavelength into the fluid. The sensor (34) produces an electrical output reflecting the energy it senses and indicative of the spectral absorption of the specific substance. The interface device generates a reference voltage to allow the apparatus to cooperate with prior art devices. A support structure secures the other elements in proximity to the fluid. The connector (14) communicates electrical signals to a remote display device.

IPC 1-7
A61B 5/00; **A61B 5/024**

IPC 8 full level
A61B 5/00 (2006.01); **A61B 5/024** (2006.01); **A61B 5/0245** (2006.01); **A61B 5/145** (2006.01); **A61B 5/1455** (2006.01); **G01N 21/27** (2006.01)

CPC (source: EP)
A61B 5/02427 (2013.01); **A61B 5/14552** (2013.01); **A61B 5/6833** (2013.01)

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 9701985 A1 19970123; AU 2957695 A 19970205; AU 716502 B2 20000224; EP 0901338 A1 19990317; EP 0901338 A4 19990317; JP H11508691 A 19990727

DOCDB simple family (application)
US 9508343 W 19950703; AU 2957695 A 19950703; EP 95925446 A 19950703; JP 50509597 A 19950703