

Publication

**EP 0901338 A4 19990317**

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**

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [XY] EP 0568380 A1 19931103 - GEN ELECTRIC [US]
- [Y] EP 0104772 A2 19840404 - NELLCOR INC [US] & US 4700708 A 19871020 - NEW JR WILLIAM [US], et al
- See references of WO 9701985A1

Designated contracting state (EPC)

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**WO 9701985 A1 19970123**; AU 2957695 A 19970205; AU 716502 B2 20000224; EP 0901338 A1 19990317; EP 0901338 A4 19990317; JP H11508691 A 19990727

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