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(54) Title: FLUID ANALYSER SYSTEMS

(57) Abstract: Fluid analyser systems are provided which can detect a multitude of fluids in a sample to a very high level of accuracy which includes the detection of the presence of very small amounts of fluids. The results are both qualitative and quantitative. The systems consist of a receptacle which is filled with the fluid sample to be analysed which is placed into a consistent light condition environment where its temperature is measured. Under a predetermined time duration, Charge-Coupled Device (CCD) detector(s) receive by absorbance, radiation from the fluid sample at known wavelengths and are matched against a databank of known wavelengths of fluids. Matching wavelengths within a pre-defined tolerance will determine whether an individual fluid is present or not.