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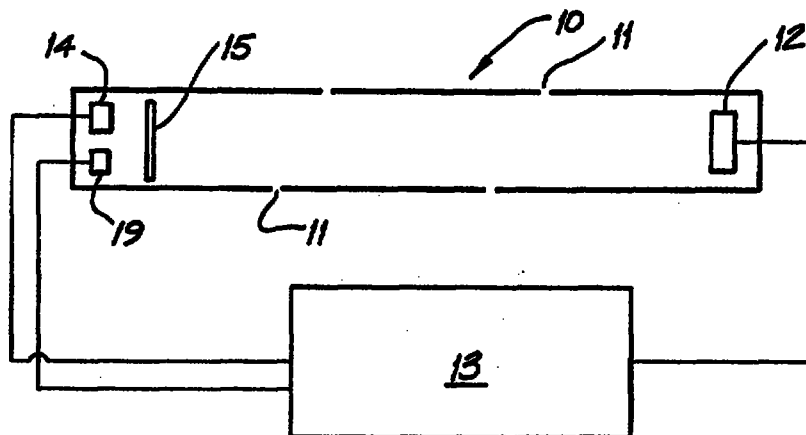
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(54) Title: GAS DETECTOR



(57) Abstract

A gas detector for detecting the presence of a light absorbing gas within an atmosphere (10) containing the gas, the gas detector includes a light source (12), a detector (14) arranged to detect a presence of incident radiation from the source (12) and to provide an output signal (46) representative of the level of incident radiation from the light source (12). Electronic circuitry (13) is arranged to process the output signal (46) to provide an indication of the incident radiation. A power supply (40, 36) for cyclically energising the light source (12) is also provided. The power supply being arranged to deliver substantially constant power at the or each level of energisation of the light source (12).