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(54) Title: COLORIMETRY DEVICE AND METHOD

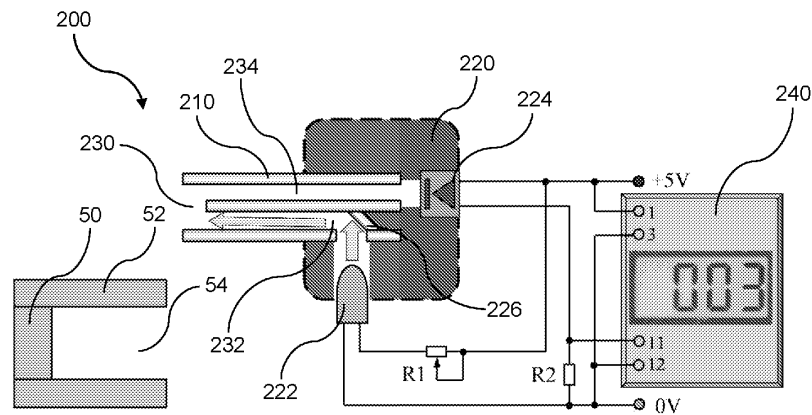


Figure 2A

(57) Abstract: The present disclosure generally relates to a device (200) and method for colorimetric measurement of a sample (50). The device (200) comprises: an elongated body (210) comprising a proximal end (212) and a distal end (214) arranged to receive the sample (50); an optical assembly (220) coupled to the proximal end (212) of the elongated body (210), the optical assembly (220) comprising a light source (222) and a photodetector (224); a tunnel (230) defined in the elongated body (210) and divided into a first tunnel section (232) and a second tunnel section (234), the first tunnel section (232) arranged to transmit light from the light source (222) to the sample (50), the second tunnel section (234) arranged to transmit light scattered by the sample (50) to the photodetector (224); and a measurement device (240) configured for colorimetric measurement of the sample (50) based on the scattered light detected by the photodetector (224).

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