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DEVICE

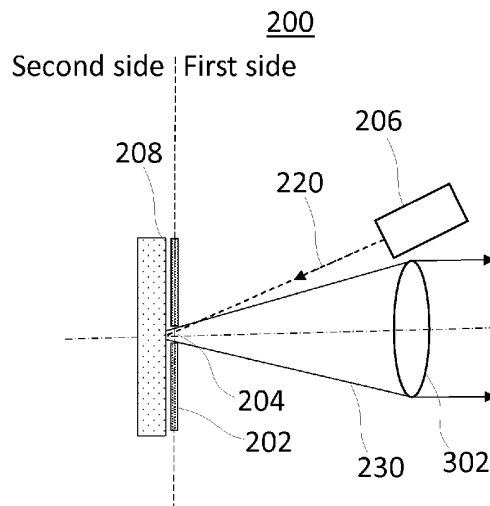


FIG. 1a

(57) Abstract: Presented herein is a lighting assembly for providing polychromatic measuring light (230) for an optical measuring device. The lighting assembly comprises an aperture component (202) comprising a first and opposite second side and at least one orifice (204), at least one pump light source (206) located on the first side of the aperture component (202) to provide pump light (220), and photoluminescent component (208) located on the second side of the aperture component (202) for converting pump light (220) receivable onto the photoluminescent component (208) from the at least one pump light source (206) into polychromatic measuring light (230). At least part of the measuring light (230) is allowed to pass the aperture component (202) through the at least one orifice (204) to provide measuring light (230) to the first side of the aperture component (202). A related method and a measuring device using the lighting assembly are also presented.

[Continued on next page]

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