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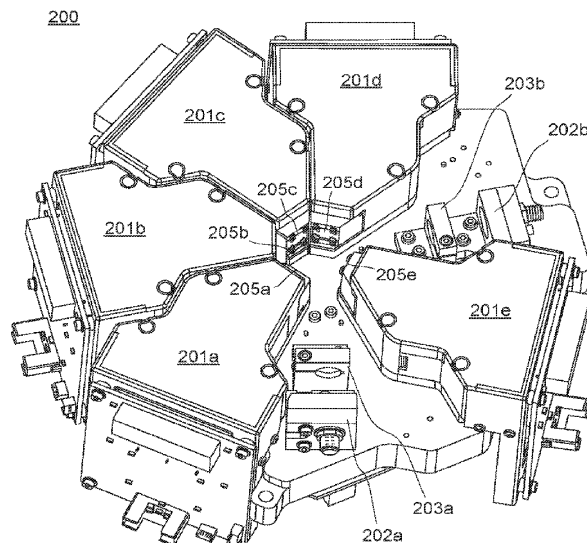
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(54) Title: LIGHT DETECTION SYSTEMS HAVING FIRST AND SECOND LIGHT RECEIVERS, AND METHODS OF USE THEREOF

FIG. 2A



(57) Abstract: Light detection systems are provided. Aspects of the light detection systems include first and second light receivers in fixed positions relative to each other, a plurality of wavelength separators configured to pass light from the first and second light receivers having a predetermined spectral range, and a plurality of light detection modules. Baseplates having a stage for mounting a light receiver, a plurality of recesses for fixing a plurality of light detection modules in rigid alignment relative to the stage, and a heat dissipation opening positioned within each recess are also provided. In addition, particle analysis systems, methods and kits for practicing the invention are disclosed.

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