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(54) **Title:** SENSORS HAVING AN ACTIVE SURFACE

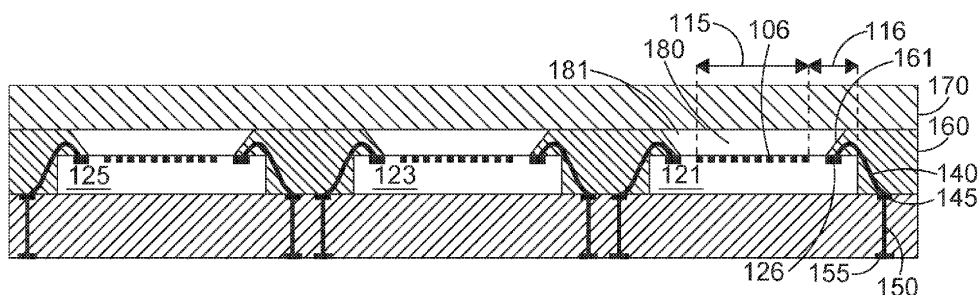


FIG. 5B

(57) **Abstract:** Disclosed in one example is an apparatus including a substrate, a sensor over the substrate including an active surface and a sensor bond pad, a molding layer over the substrate and covering sides of the sensor, the molding layer having a molding height relative to a top surface of the substrate that is greater than a height of the active surface of the sensor relative to the top surface of the substrate, and a lidding layer over the molding layer and over the active surface. The lidding layer and the molding layer form a space over the active surface of the sensor that defines a flow channel.



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