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(54) Title: REACTION CHAMBER WITH COVERING SYSTEM AND EPITAXIAL REACTOR

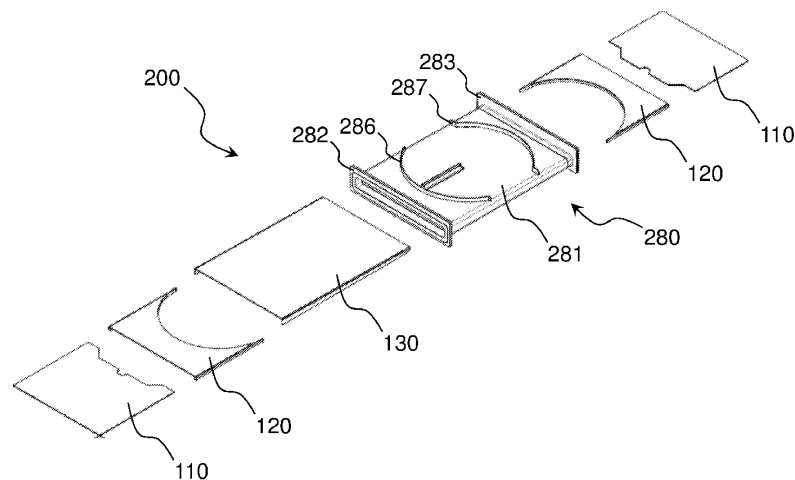


Fig. 9

(57) Abstract: The reaction chamber (100) comprises a covering system (90) that is located within its cavity (101) and comprises at least one lower covering element (120) resting on a lower wall of the cavity, and an upper covering element (130) resting on the lower covering element (120); the lower covering element (120) and the upper covering element (130) define an insulated inner space to accommodate at least one substrate, and make four walls surrounding this inner space and are spaced apart from the cavity walls; the walls of the chamber (100) are typically made of quartz and the covering system (90) is typically made of quartz.

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