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(54) Title: A COLLECTING DEVICE FOR COLLECTION OF PARTICLES, A SAMPLE COLLECTOR, AND AN ANALYSIS
INSTRUMENT

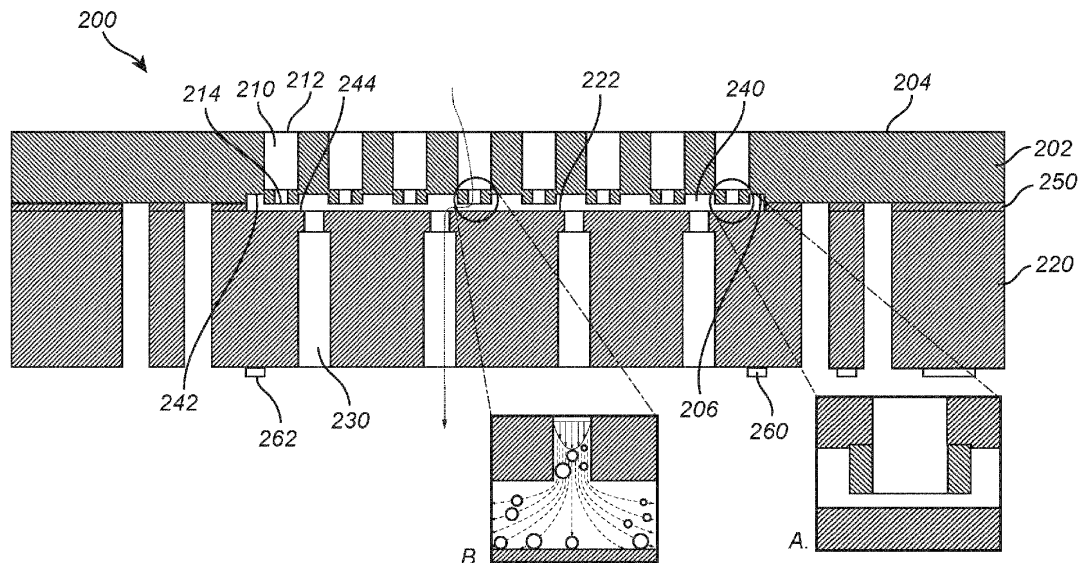


Fig. 2

(57) Abstract: A collecting device (200) for collection of particles and presentation of collected particles for analysis comprises: a first layer (202) and a second layer (220) spaced apart for defining a particle collection chamber (240); wherein the first layer (202) is configured to receive a flow of air (104) carrying airborne particles, wherein the first layer (202) comprises a plurality of inlet nozzles (210) configured to extend through the first layer (202) for transporting the flow of air (104) therethrough; wherein the inlet nozzles (210) are configured to face a first surface (222) of the second layer (220) for capturing airborne particles in the flow of air (104) entering the particle collection chamber (240) by impactation of airborne particles; wherein the collecting device (200) is configured to provide optical access for performing a measurement, based on light, of airborne particles collected in the particle collection chamber (240).

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