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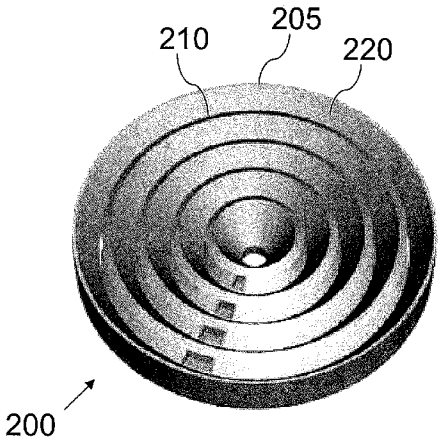
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(54) **Title:** AN OIL DIFFUSION PUMP COMPRISING A BAFFLE DEVICE



(57) **Abstract:** A baffle comprising a plurality of apertures wherein at least one of the plurality of apertures comprises a convergent portion and a divergent portion is provided. In some examples, a baffle comprising at least two concentric cones may be used. In other examples, the baffle may be used in an oil diffusion pump for use in an analytical device, such as a mass spectrometer.

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