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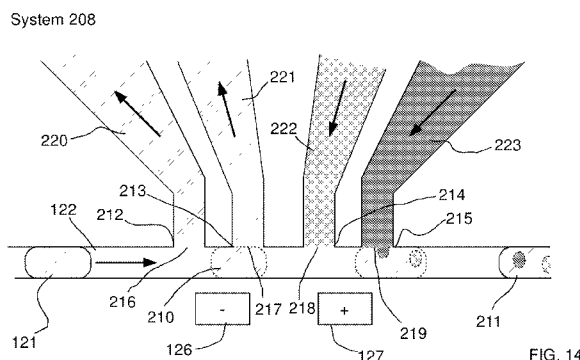
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(54) Title: INJECTION OF MULTIPLE VOLUMES INTO OR OUT OF DROPLETS



(57) Abstract: The present invention generally pertains to a system for performing injection of multiple substantially controlled volumes into or out of a droplet, and methods and kits comprising the same. The system of the present invention comprises at least one microfluidic channel, one or more injection channels, an injection inlet associated with each of the one or more injection channels, and a mechanism for disrupting an interface between a droplet and a fluid and/or emulsion, wherein the at least one microfluidic channel comprises one or more droplets are flowing therein, and wherein each of the one or more injection channels comprises at least one fluid and/or emulsion therein.