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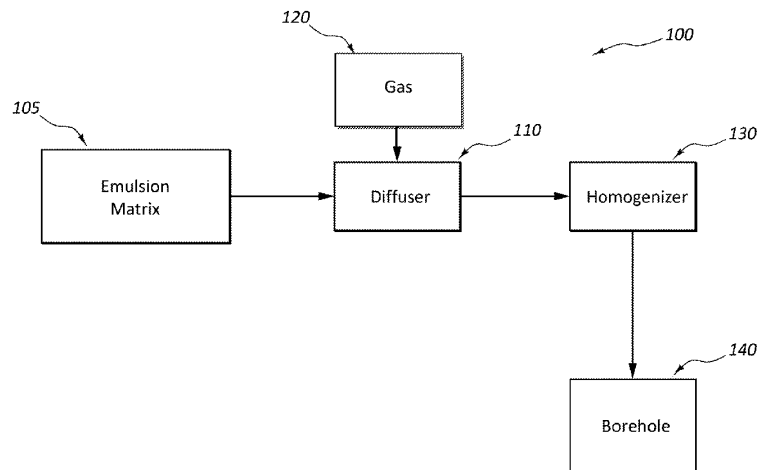


FIG. 1

(57) Abstract: Emulsion explosives with gas bubbles that are resistant to in-borehole migration or coalescence are disclosed herein. Such emulsions can be sensitized by mechanically-introducing gas bubbles into the emulsion. Resistance to gas bubble migration and coalescence can be achieved by homogenization, without the need for bubble stabilization agents.

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