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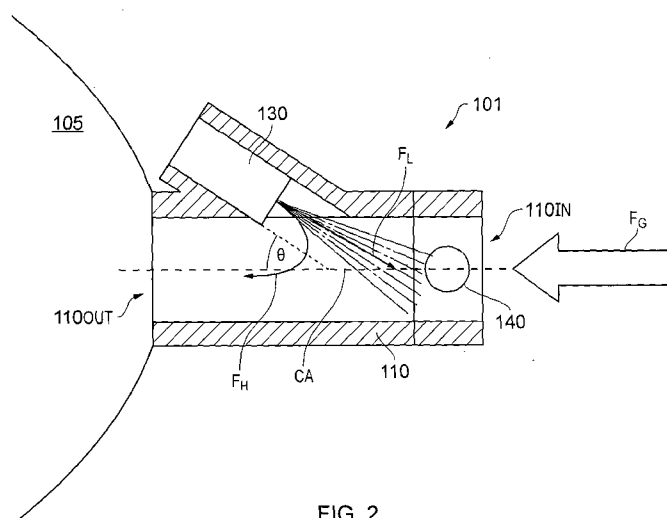


FIG. 2

(57) Abstract: Intake apparatus for an engine comprising: injection means for injecting fuel into a flow stream of intake gas through the apparatus; and heating means for heating intake gas passing through the apparatus, the apparatus being operable to inject fuel into the flow stream of intake gas by means of the injection means such that when intake gas flows through the apparatus at a first flow rate injected fuel impinges on the heating means; and when intake gas flows through the apparatus at a second flow rate greater than the first a flowpath of injected fuel is deflected by intake gas such that substantially no fuel impinges on the heating means.