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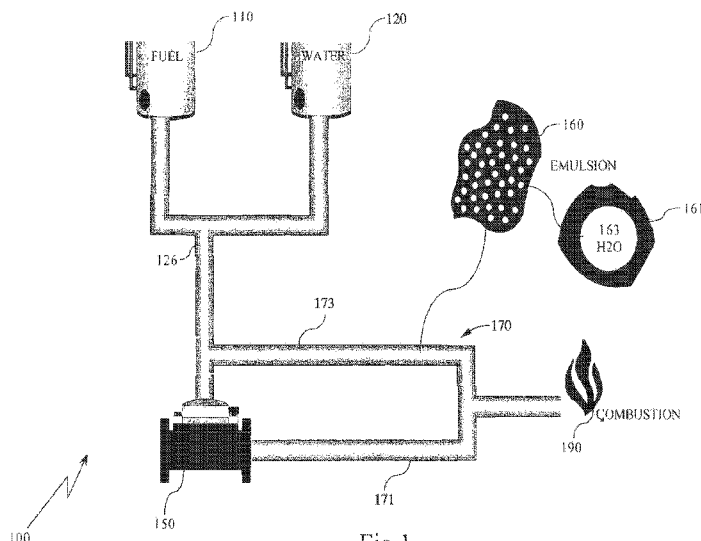
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(54) Title: REAL TIME-LINE WATER-IN-FUEL EMULSION APPARATUS, PROCESS AND SYSTEM



(57) Abstract: A water-in-fuel emulsion system comprises a reactor device, a fuel intake connected to said reactor device, a water intake connected to said reactor device, a pump connected to said reactor device, and a circulating emulsion reprocessing inline loop connected to said pump and feeding a load as needed in real time, wherein said reactor device comprises a non-vibrating anvil shaped to create cavitation sufficient to emulsify water-in-fuel from said water intake and said fuel intake.