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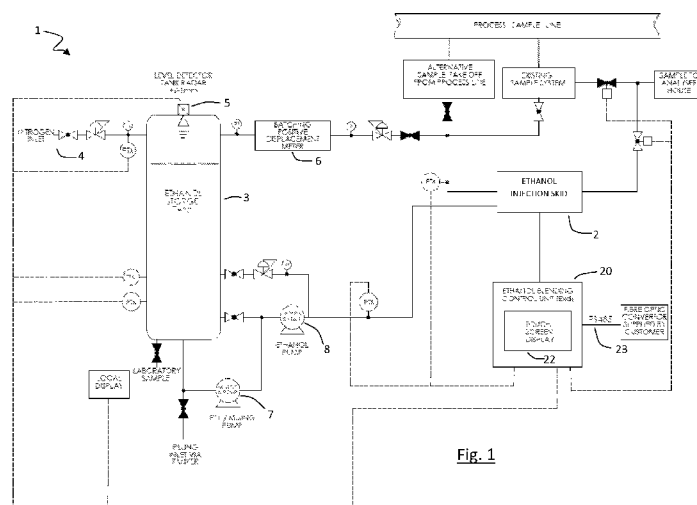


Fig. 1

(57) Abstract: Embodiments of the present invention relate to a method and apparatus for mixing additives into a fluid fuel at a predictable concentration. The method comprises: taking a sample of the fuel; mixing the additive into the sample in metered proportions; testing the sample to determine that the correct amount of additive is present; storing the remaining fuel until it is time for the fuel to be used; and mixing the additive into the remainder of the fuel in the same metered proportions.