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(54) Title: AUTOMATED DRUG FILLING PROCESS

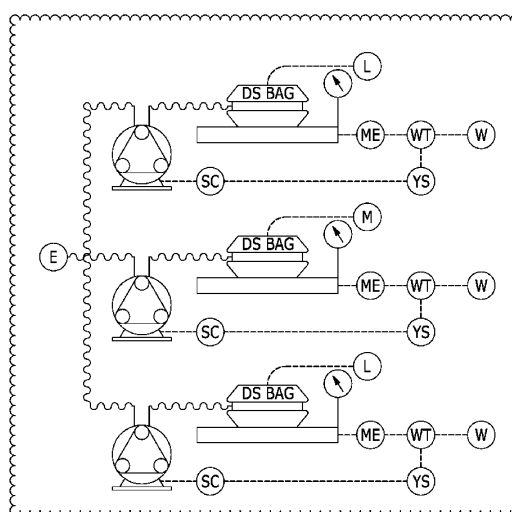


FIG. 1

(57) **Abstract:** An automatic drug substance (DS) fill system is provided, comprising: a plurality of pumps, each configured to fill a respective DS container; a plurality of weighing scales, each configured to measure weights associated with each respective DS container; and a controller configured to: cause each of the plurality of pumps to fill each respective DS container; monitor the weights associated with each respective DS container measured by the weighing scales; compare the weights associated with each respective DS container, measured by the weighing scales, to a threshold weight; and cause each of the plurality of pumps to cease filling each respective DS container based on the weight associated with their respective DS container reaching the threshold weight.

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