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(54) Title: METHODS AND APPARATUS FOR MIXER CHARACTERIZATION

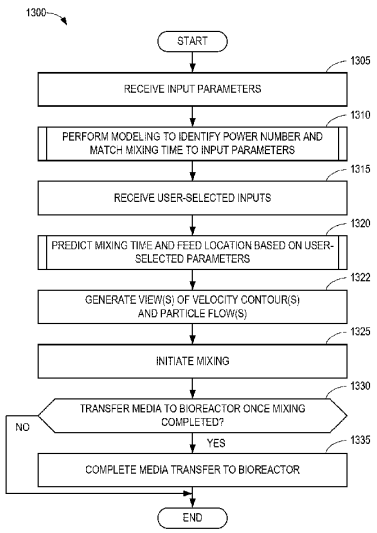


FIG. 13

(57) Abstract: Methods and apparatus for mixer characterization are disclosed. An example apparatus includes interface circuitry, machine readable instructions, and programmable circuitry to at least one of instantiate or execute the machine readable instructions to identify a computational parameter to match a first set of input parameters to a first mixing time of the mixer, determine, based on the computational parameter, a second mixing time of the mixer based on a second set of input parameters, generate, based on the second mixing time, at least one of a time-associated recommendation or a location-associated recommendation, the time- associated recommendation or the location-associated recommendation including at least one of a time to reach homogeneity, a sequence of feed addition to the mixer, or a location of the feed addition to the mixer, and control at least one of the sequence of feed addition to the mixer or the location of the feed addition to the mixer.

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