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(54) Title: SUSPENDED MEDIA MEMBRANE BIOLOGICAL REACTOR SYSTEM AND PROCESS INCLUDING SUSPENSION SYSTEM

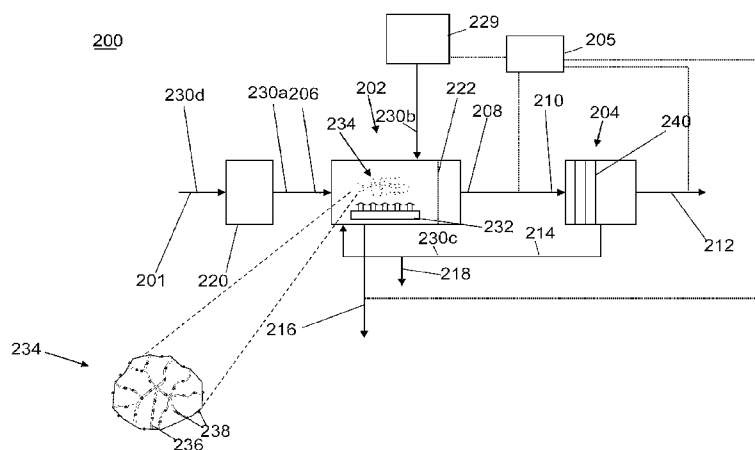


FIG. 2

(57) Abstract: A wastewater treatment system is provided comprising a biological reactor having a separation subsystem, a suspension system and a membrane operating system. The separation subsystem is constructed and arranged to maintain adsorbent material in the biological reactor with a mixed liquor. The suspension system is positioned in the biological reactor and is constructed and arranged to maintain adsorbent material in suspension with mixed liquor. The membrane operating system is located downstream of the biological reactor and is constructed and arranged to receive treated mixed liquor from the biological reactor and discharge a membrane permeate.



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