

[54] APPARATUS AND METHOD FOR VISUALLY MONITORING AN ION EXCHANGE FLUIDIZED BED

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[57] ABSTRACT

A method and apparatus for visually monitoring the fluidized bed of a resin ion exchanger. The method includes establishing a sample fluidized bed displaced from, but in fluid communication with, the resin ion exchanger fluidized bed and supplying a quantity of exchanger process solution in a controlled manner to the sample fluidized bed such that the sample fluidized bed represents among other exchanger fluidized bed characteristics the exchanger fluidized bed height. The apparatus includes a monitor having a transparent sampling column in fluid communication with the exchanger fluidized bed and a regulator in fluid communication with the exchanger and the sample column for establishing a solution sample for supply to the sample fluidized bed. The regulator includes an orifice for controlling the flow rate of solution sample supplied to the sample fluidized bed.

6 Claims, 3 Drawing Figures

