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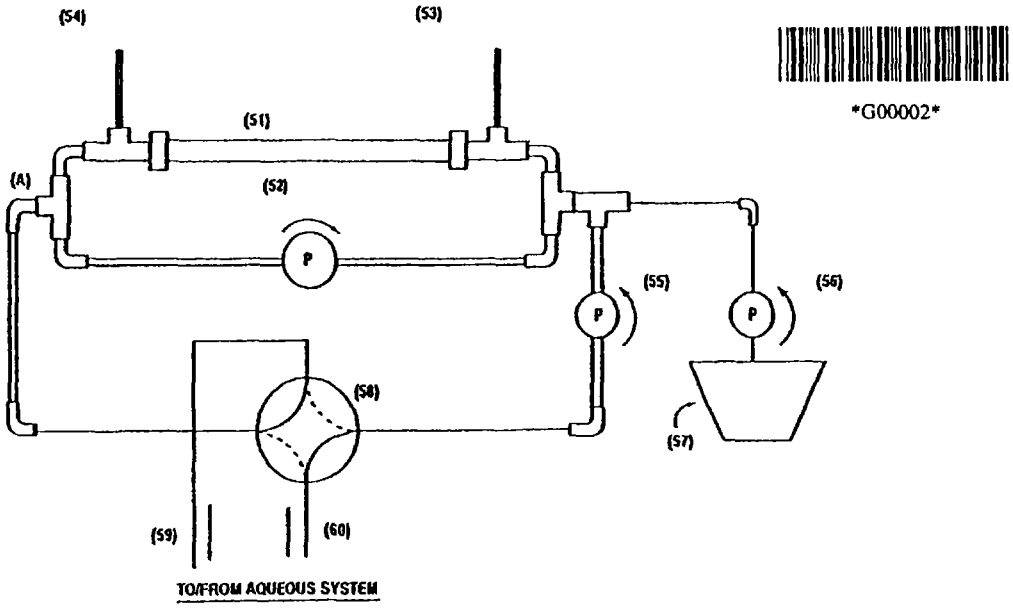
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(54) Title: A BIOFOULING MONITOR AND METHODS TO MONITOR OR DETECT BIOFOULING




*G00002*

(57) Abstract

A biofouling monitor is described which has a column having an inlet and an outlet; a microorganism nutrient feed line located upstream of the inlet; and a first pressure sensor located upstream of the inlet for measuring flow pressure and a second pressure system located downstream of the outlet for measuring flow pressure. Also described is a biofouling monitor which further has a recirculation system and optionally inert packing material located in the column. A method to monitor or detect biofouling ahead of time in an aqueous system is further disclosed.