

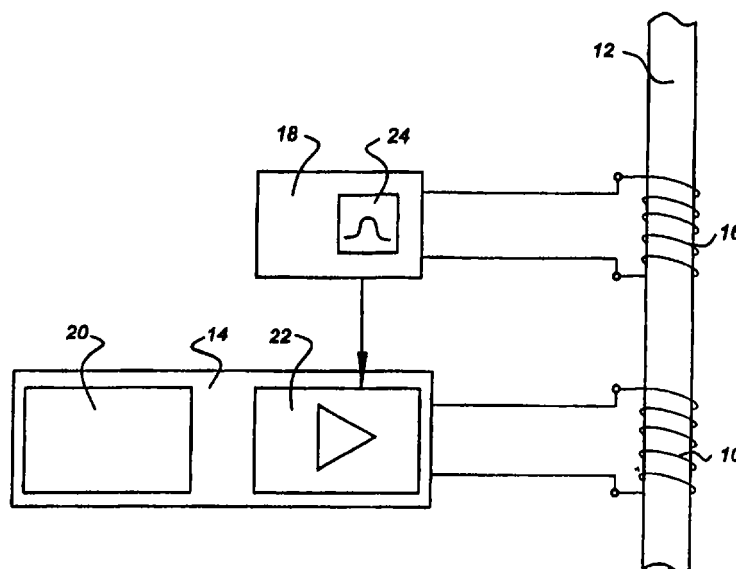


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(54) Title: SYSTEM FOR TREATING FLUIDS IN AN ELECTRIC FIELD**(57) Abstract**

System for treating fluids, especially water, in a pipe to resist scale deposits from building up in the pipe, comprising a field generating coil (10) mounted exteriorly of the pipe, an electronic circuit (14) for energising the coil to develop an alternating electromagnetic field in the fluid, a sensor (18) for sensing a parameter related to the functioning of the system and for generating a parameter dependent signal, a feed back circuit for feeding back said parameter dependent signal to said electronic circuit to control said circuit, wherein the sensor comprises a field measuring coil (16) mounted exteriorly of said pipe near the field generating coil, the feed back circuit comprises the electronics which together with said measuring coil acts as a field strength meter.



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