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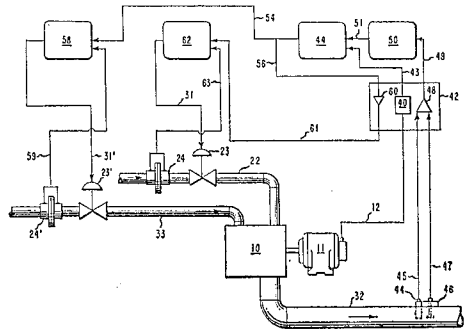
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723,407

METHOD AND APPARATUS FOR AUTOMATICALLY CONTROLLING VISCOSITY IN A POLYMERIZATION PROCESS

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A method and apparatus for automatically controlling viscosity in a continuous polymerization process wherein viscosity is changed by regulating by means of a control valve, the flow of an additive to the polymer solution that is being continuously mixed in a vessel by a mixing blade driven at a constant speed by an electric motor. A control signal system is coupled between the motor and the control valve for detecting changes in motor load corresponding to changes in viscosity and generating signals proportional to those changes. These signals are fed to the control valve to operate it and in turn regulate the flow of additive into the polymer.

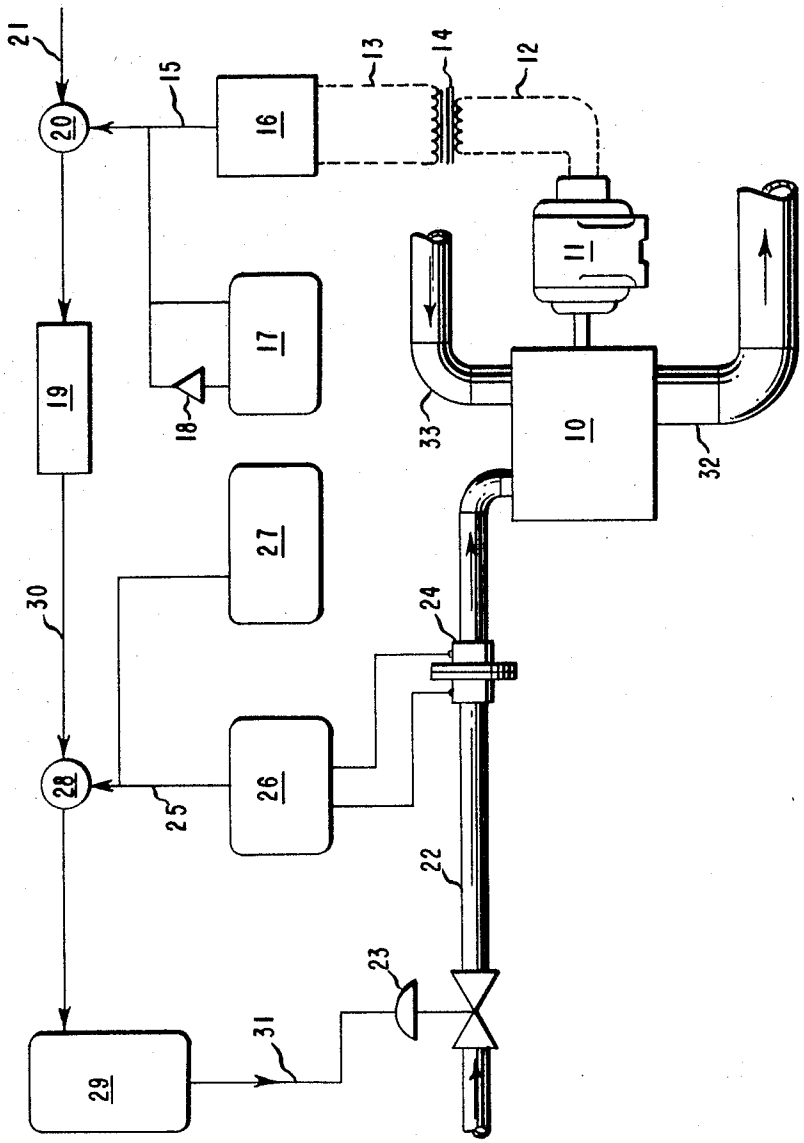
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FIG. 1



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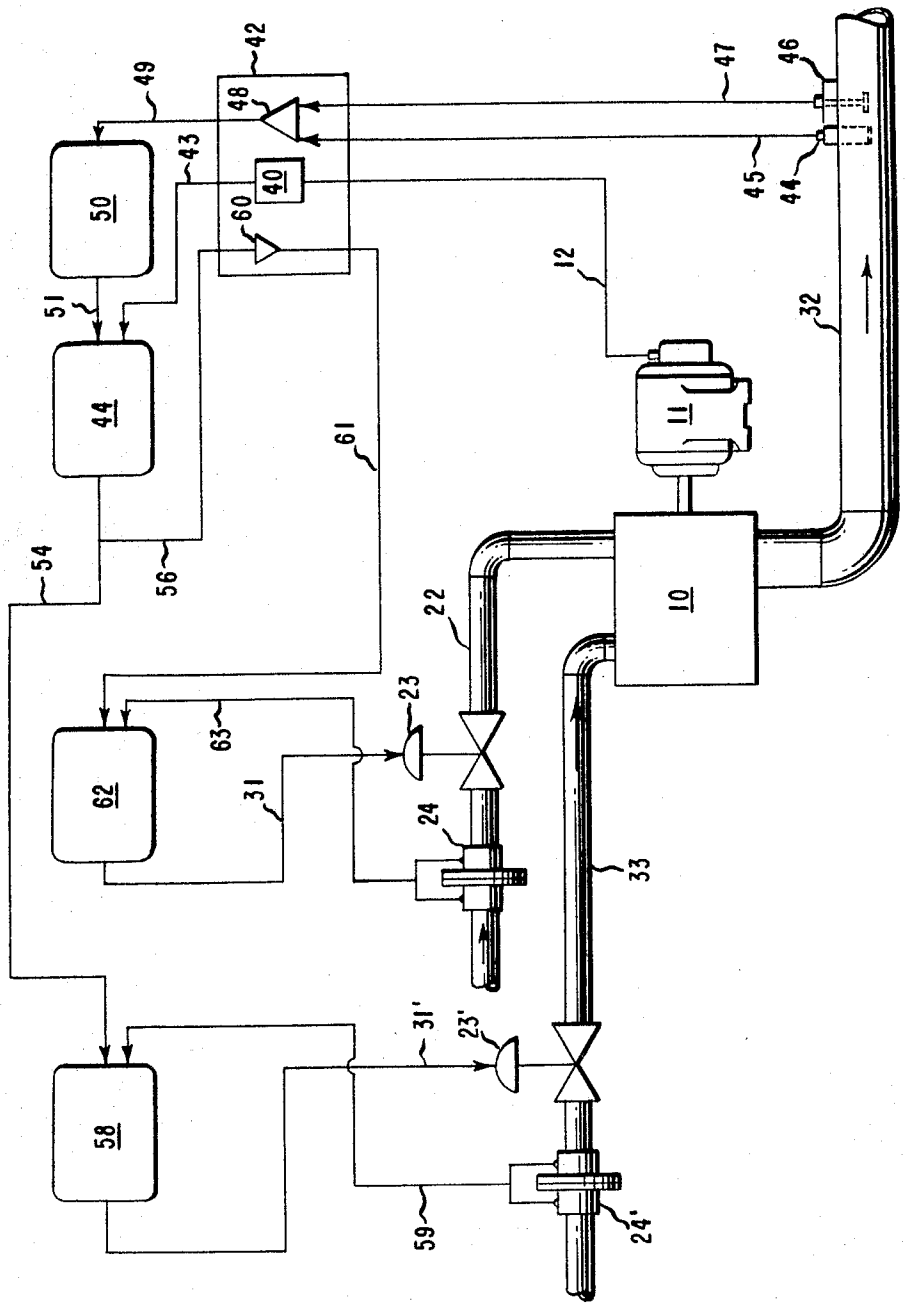


FIG. 2

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