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HYSTERESIS-TYPE ELECTRONIC CONTROLLING DEVICE FOR FUEL INJECTORS AND ASSOCIATED METHOD

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Abstract of US2012055449 (A1)

A hysteresis-type electronic controlling device is provided for fuel injectors that includes, but is not limited to a power driving unit for driving the fuel injectors with an electric signal, a control stage connected to the power driving unit and a sensing stage fed by the power driving unit and feeding the control stage, the device has a feedback frequency control stage for measuring a waveform period of the signal feeding the fuel injectors; the feedback frequency control stage is fed by the control stage with an electric signal. A fuel injector control method is also provided that includes, but is not limited to driving fuel injectors with an electric signal coming from a power driving unit fed by a control stage, sensing the signal with a sensing stage, and measuring a waveform period of the signal through the feedback frequency control stage.

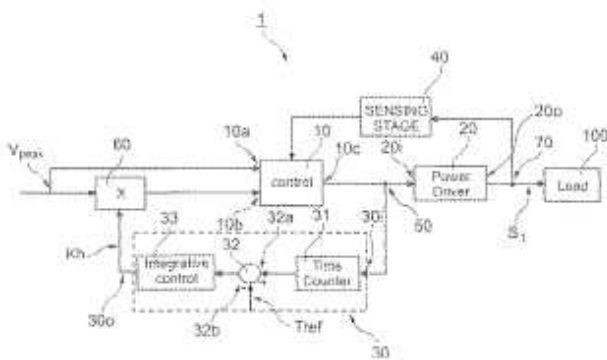


Fig. 1