

METHOD AND CIRCUITRY TO DETECT AND PREVENT SHORTING IN FUEL INJECTOR DRIVE CIRCUITRY

ABSTRACT OF THE DISCLOSURE

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Drive circuitry for a fuel injector actuator, said drive circuitry including a High Side Drive portion and a Low Side Drive Portion, and including determination means to determine a short condition, said determination means adapted to perform a frequency analysis of a voltage(s) or a voltage signal at, or from, one or more points in the High Side Drive, and to determine if a faulty short conditions exists based on said analysis.

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Figure 5