

Title (en)

EMERGENCY DRIVING DEVICE FOR DIESEL MOTORS WITH ELECTRONICALLY CONTROLLED APPORTIONING OF FUEL

Publication

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Application

EP 86906284 A 19861105

Priority

DE 3603571 A 19860206

Abstract (en)

[origin: WO8704759A1] With the help of an emergency driving device for a diesel motor having an electronically controlled apportioning of fuel, an optimum emergency driving operation is possible in case of failure of the sensor or sensors of the instantaneous value of the fuel amounts. In case of failure, the means which determine in normal operation the desired value of the fuel amounts and the means for controlling the amounts of fuel are separated from the fuel apportioning means, and the latter is driven by a special emergency driving signal. A failure in the sensors of the instantaneous value of the amounts of fuel is recognized in that this signal does not fall within the permissible limits for the instantaneous value of the amounts of fuel. A first signal is formed on the basis of the speed of revolution and of the position of the accelerator, which added to a second signal, gives the emergency driving signal. The second signal is essentially the differentiated speed of the revolution signal.

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