

Title (en)

Method of analysing the operation of a dosing pump for liquid, especially a fuel dosing pump for a vehicle heater

Title (de)

Verfahren zum Analysieren des Betriebs einer Dosierpumpe für Flüssigkeit, insbesondere einer Brennstoffdosierpumpe für ein Fahrzeugheizgerät

Title (fr)

Procédé destiné à l'analyse du fonctionnement d'une pompe de dosage pour liquides, notamment d'une pompe de dosage de carburant pour un appareil de chauffage pour véhicule

Publication

EP 2072820 B1 20100728 (DE)

Application

EP 08018650 A 20081024

Priority

DE 102007061478 A 20071220

Abstract (en)

[origin: EP2072820A1] The method involves determining a starting time of a movement of a piston (26) as an analysis variable by formation of a temporal conduction of an electric current flowing in an excitation time interval and comparison of the temporal conduction with an assigned threshold, and determining an end time of the movement of the piston as another analysis variable. The two analysis variables are compared with respective assigned references. A presence of an error condition is detected when the analysis variables deviates from the references.

IPC 8 full level

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CPC (source: EP)

F04B 17/042 (2013.01); **F04B 49/06** (2013.01)

Cited by

EP3460241A1; CN109555676A

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