

Title (en)

METHOD AND APPARATUS TO DETECT THE MALFUNCTIONING OF A HEATING APPARATUS FED WITH A LIQUID FUEL

Publication

EP 0167038 B1 19870722 (DE)

Application

EP 85107294 A 19850613

Priority

- DE 3422451 A 19840616
- DE 3423466 A 19840626

Abstract (en)

[origin: EP0167038A1] 1. A method of detecting the malfunctioning of a liquid-fuel-operated heating apparatus for vehicles, in which the heating apparatus has associated therewith a control apparatus (2) for controlling the operations and an indication means (9) for indicating the operational condition of the heating apparatus, said indication being effected by the output signal of a performance test circuit (3) by means of which all functions essential to the operation are successively scanned and ascertained by means of a scanning control by a comparison of the nominal and actual values of the electrical voltages (A, B), characterized in that each output signal (Y) of the performance test circuit (3) is first converted into an address code (4) and, then, access is taken under the corresponding address to a read-only memory (5) in which output codes associated with various malfunctions are stored, that the output code issued by the read-only memory (5) is transferred to a shift register (6) as a function of a transfer clock (t1) and is shifted there through the shift register (6) as a function of a shift clock (t2) and is then supplied to the indication means (9) in coded form.

IPC 1-7

B60H 1/22

IPC 8 full level

B60H 1/22 (2006.01); **F23N 5/24** (2006.01)

CPC (source: EP)

F23N 5/242 (2013.01); **F23N 2227/12** (2020.01); **F23N 2241/14** (2020.01)

Cited by

DE4036417C1; WO9613397A1

Designated contracting state (EPC)

DE FR GB SE

DOCDB simple family (publication)

EP 0167038 A1 19860108; **EP 0167038 B1 19870722**; CS 271315 B2 19900912; CS 400285 A2 19891213; DE 3560354 D1 19870827

DOCDB simple family (application)

EP 85107294 A 19850613; CS 400285 A 19850604; DE 3560354 T 19850613