

DPF SYSTEM FOR AN ENGINE GENERATOR

ABSTRACT

5 A DPF system for an engine generator (E,G) that
performs a recovery process on a filter (DPF), provided to
remove particulate matter generated by combustion of fuel
when an amount of the particulate matter in the DPF exceeds a
predetermined value, the engine generator performing the
10 recovery process by carrying out an automatic recovery
operation to raise a temperature of exhaust gas to combust the
particulate matter, the system comprising: a dummy load (L)
connected to the engine generator when necessary; and control
device (ECU) for allowing the engine to perform a recovery
15 preparation operation in such a manner that, once the amount
of the particulate matter exceeds the predetermined value, the
recovery operation is performed when the temperature of
exhaust gas reaches a reference temperature, and the dummy
load is connected to the generator to raise the temperature of
20 exhaust gas when the temperature thereof fails to reach the
reference temperature.

FIGURE 4