ABSTRACT

DETERMINATION OF FUEL CHARACTERISTICS

The present application discloses a method (1050) of determining one or more fuel characteristics of an aviation fuel (F) suitable for powering a gas turbine engine (10) of an aircraft (1). The method comprises: determining (1051), during use of the gas turbine engine, one or more exhaust content parameters by performing (1052) a sensor measurement on an exhaust of the gas turbine engine (10); and determining (1053) one or more fuel characteristics of the fuel based on the one or more exhaust parameters. Also disclosed is a fuel characteristic determination system (150), a method (1065) of operating an aircraft, and an aircraft (1).

[Figure 25]