ABSTRACT

FUEL CHARACTERISTICS

A method 2000 of identifying a fuel contained in a fuel tank of an aircraft and arranged to power a gas turbine engine of the aircraft is performed by processing circuitry of the aircraft and comprises: obtaining 2002 at least one fuel characteristic of any fuel already present in the fuel tank prior to refuelling; determining 2004 at least one fuel characteristic of a fuel added to the fuel tank on refuelling; and calculating 2006 at least one fuel characteristic of the resultant fuel in the fuel tank after refuelling. The method 2000 may further controlling 2008 the propulsion system of the aircraft based on the calculated at least one fuel characteristic of the resultant fuel in the fuel tank after refuelling.

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