Abstract

BLENDING OF RENEWABLE FUELS

An aviation fuel composition is disclosed, comprising 50-95 vol-% of petroleum-derived jet fuel component, and 5-50 vol-% of renewable middle distillate component. The fuel composition has a viscosity of 12 mm^2/s or below at -40°C, 10 mm^2/s or below at -30°C, and 8 mm^2/s or below at -20°C, as measured in accordance with an EN ISO 3104 (1996) standard A method for producing the aviation fuel composition is also disclosed. The method comprises mixing the petroleum derived jet fuel component and the renewable middle distillate component to obtain the aviation fuel composition, such that the petroleum-derived jet fuel component and the renewable middle distillate component are mixed together in an amount comprising 5-50 vol-% of renewable middle distillate component and about 50-95 vol-% of petroleum-derived jet fuel component.

No Figure