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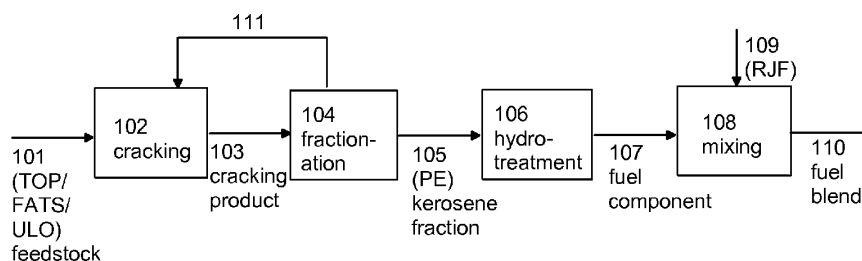


Fig. 1

(57) Abstract: A method is disclosed for preparing an aviation fuel composition, the method comprising subjecting a feedstock (101) of biological and/or recycled origin to cracking 5 in a cracking unit (102) and to fractionation in a fractionation unit (104) to obtain a kerosene fraction (105). The obtained kerosene fraction (105) is subjected to hydrotreatment in a hydrotreatment unit (106) to form a first jet fuel component(107). The formed first jet fuel component(107) is mixed with a further jet fuel component (109) to form a fuel composition (110) having a wear scar diameter of 10 0.78 mm or less, as measured with BOCLE lubricity test method according to ASTM D5001. The feedstock (101) contains one or more of tall oil pitch (TOP), a mixture of sludge palm oil, palm fatty acid distillate and animal fat (FATS), and used lubricant oil (ULO).



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