

Title (en)

PROCESS TO PREPARE JET FUELS AND ITS PRODUCTS

Title (de)

VERFAHREN ZUM HERSTELLEN VON STRAHLENBRENNSTOFFEN UND PRODUKTE

Title (fr)

PROCÉDÉ DE PRÉPARATION DE CARBURANTS D'AVIATION ET SES PRODUITS

Publication

EP 2586852 B1 20180103 (EN)

Application

EP 12190006 A 20121025

Priority

US 201161551088 P 20111025

Abstract (en)

[origin: EP2586852A1] A jet fuel containing a major amount of a synthetic paraffinic kerosene fuel component is provided by: a) providing a synthetic paraffinic kerosene fuel component in the jet boiling range having at least 99.5wt% hydrocarbon, said hydrocarbon being at least 98.5wt% paraffins, less than 1wt% bicyclic compounds, and less than 0.5wt% total aromatics as measured by ASTM D2425; b) providing a petroleum-based jet fuel component in the jet boiling range; c) providing pinane; and d) blending component a), b) and c), wherein component c) is present in an amount of 5 to 40 weight percent, based on the blend, and component a) and b) are in a ratio of greater than 1 to 1 thereby providing a jet fuel blend having a density of from 775 to 840 kg/m³.

IPC 8 full level

C10L 1/04 (2006.01); **C10L 1/16** (2006.01); **C10L 10/04** (2006.01)

CPC (source: EP US)

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