

Title (en)  
PRODUCTION OF AVIATION FUEL FROM BIORENEWABLE FEEDSTOCKS

Title (de)  
HERSTELLUNG EINES FLUGKRAFTSTOFFS AUS NACHWACHSENDEN ROHSTOFFEN

Title (fr)  
PRODUCTION DE CARBURANT D'AVIATION À PARTIR DE MATIÈRES PREMIÈRES BIOLOGIQUES RENOUVELABLES

Publication  
**EP 2222817 A4 20131023 (EN)**

Application  
**EP 08873586 A 20081205**

Priority  
• US 2008085624 W 20081205  
• US 1574907 P 20071221  
• US 1575907 P 20071221

Abstract (en)  
[origin: WO2009120242A1] A process has been developed for producing aviation fuel from renewable feedstocks such as plant oils and animal fats and oils. The process involves treating a renewable feedstock by hydrogenating and deoxygenating to provide n-paraffins having from 8 to 24 carbon atoms. At least some of the n-paraffins are isomerized to improve cold flow properties. At least a portion of the paraffins are selectively cracked to provide paraffins meeting specifications for different aviation fuels such as JP- 8.

IPC 8 full level  
**C07C 1/20** (2006.01); **C10G 3/00** (2006.01); **C10G 65/04** (2006.01); **C10G 69/00** (2006.01)

CPC (source: EP)  
**C10G 3/46** (2013.01); **C10G 3/50** (2013.01); **C10G 65/043** (2013.01); **C10G 69/04** (2013.01); **C10G 2300/1014** (2013.01); **C10G 2300/1018** (2013.01); **C10G 2300/1022** (2013.01); **C10G 2300/1037** (2013.01); **C10G 2400/08** (2013.01); **Y02P 30/20** (2015.11)

Citation (search report)  
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