

Title (en)
FEEDSTOCK PROCESSING SYSTEMS AND METHODS FOR PRODUCING FISCHER-TROPSCH LIQUIDS AND TRANSPORTATION FUELS

Title (de)
ROHMATERIALVERARBEITUNGSSYSTEME UND VERFAHREN ZUR HERSTELLUNG VON FISCHER-TROPSCH-FLÜSSIGKEITEN UND TRANSPORTKRAFTSTOFFEN

Title (fr)
SYSTÈMES DE TRAITEMENT DE CHARGE D'ALIMENTATION ET PROCÉDÉS DE PRODUCTION DE LIQUIDES DE FISCHER-TROPSCH ET DE COMBUSTIBLES DE TRANSPORT

Publication
EP 4143274 A1 20230308 (EN)

Application
EP 21796935 A 20210430

Priority
• US 202016864124 A 20200430
• US 2021030287 W 20210430

Abstract (en)
[origin: WO2021222823A1] A method for processing feedstock is described, characterized in that incoming feedstock is processed to selectively recover biogenic carbon material from the incoming feedstock. In some embodiments the incoming feedstock is comprised of mixed solid waste, such as municipal solid waste (MSW). In other embodiments the incoming feedstock is comprised of woody biomass. In some instances, the incoming feedstock is processed to selectively recover biogenic carbon material from the incoming feedstock to produce a processed feedstock having biogenic carbon content of 50% and greater suitable for conversion into biogenic carbon Fischer Tropsch liquids. The high biogenic carbon Fischer Tropsch liquids may be upgraded to biogenic carbon liquid fuels. Alternatively, the incoming feedstock is processed to selectively recover plastic material from the incoming feedstock to produce a processed feedstock having biogenic carbon content of 50% or less.

IPC 8 full level
C10G 2/00 (2006.01); **C10G 47/00** (2006.01); **C10J 3/46** (2006.01)

CPC (source: EP GB KR)
B03B 9/06 (2013.01 - EP); **C10G 1/002** (2013.01 - EP GB KR); **C10G 2/32** (2013.01 - EP GB KR); **C10K 1/002** (2013.01 - EP GB KR); **C10K 1/004** (2013.01 - EP GB KR); **C10K 1/005** (2013.01 - EP GB KR); **C10K 1/103** (2013.01 - EP GB KR); **C10K 3/04** (2013.01 - EP GB KR); **C10G 2300/1011** (2013.01 - EP GB KR); **C10G 2300/1022** (2013.01 - EP GB KR); **C10J 2300/0906** (2013.01 - EP GB KR); **C10J 2300/0909** (2013.01 - EP GB); **C10J 2300/0946** (2013.01 - EP GB KR); **C10J 2300/0956** (2013.01 - EP GB KR); **C10J 2300/1618** (2013.01 - EP GB KR); **C10J 2300/1653** (2013.01 - EP GB KR); **C10J 2300/1659** (2013.01 - EP GB KR); **C10J 2300/1807** (2013.01 - EP GB KR); **C10J 2300/1815** (2013.01 - EP GB KR); **C10K 1/003** (2013.01 - EP GB KR); **C10K 1/007** (2013.01 - EP GB KR); **C10K 1/04** (2013.01 - EP GB KR); **C10K 3/006** (2013.01 - EP GB KR); **Y02E 20/16** (2013.01 - EP GB KR); **Y02E 20/18** (2013.01 - EP GB KR); **Y02E 50/10** (2013.01 - EP KR); **Y02E 50/30** (2013.01 - EP GB KR); **Y02P 30/20** (2015.11 - EP GB KR)

Citation (search report)
See references of WO 2021222823A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
WO 2021222823 A1 20211104; AU 2021262819 A1 20221201; BR 112022021703 A2 20230307; CA 3177225 A1 20211104; CO 2022016963 A2 20221209; EP 4143274 A1 20230308; ES 2929817 A2 20221201; GB 202216198 D0 20221214; GB 2609158 A 20230125; JP 2023523800 A 20230607; KR 20230004221 A 20230106; MX 2022013636 A 20230104

DOCDB simple family (application)
US 2021030287 W 20210430; AU 2021262819 A 20210430; BR 112022021703 A 20210430; CA 3177225 A 20210430; CO 2022016963 A 20221125; EP 21796935 A 20210430; ES 202290073 A 20210430; GB 202216198 A 20210430; JP 2022566224 A 20210430; KR 20217033086 A 20210430; MX 2022013636 A 20210430