

Title (en)  
PYROLYSIS METHOD WITH RAPID DECOMPRESSION

Title (de)  
PYROLYSEVERFAHREN MIT SCHNELLER DEKOMPRESSION

Title (fr)  
PROCÉDÉ DE PYROLYSE À DÉCOMPRESSION RAPIDE

Publication  
**EP 3862410 A4 20220525 (EN)**

Application  
**EP 18936204 A 20181002**

Priority  
ES 2018000072 W 20181002

Abstract (en)  
[origin: EP3862410A1] The present invention relates to a method for obtaining liquid and gas hydrocarbons from solid organic compounds, to an apparatus, and to auxiliary devices necessary for carrying out the method. In particular, the invention relates to a method for producing liquid and gas hydrocarbons, which comprises a step of homogenising the particle size, moisture, and chemical composition of the processed materials. During the method, the processed materials and waste undergo three changes of state and are subjected to pressures of up to 250 atmospheres.

IPC 8 full level  
**C10B 51/00** (2006.01); **C10B 47/44** (2006.01); **C10B 53/00** (2006.01)

CPC (source: EP)  
**C10B 47/18** (2013.01); **C10B 47/44** (2013.01); **C10B 53/00** (2013.01); **C10G 1/00** (2013.01)

Citation (search report)  
• [XI] US 2015259606 A1 20150917 - IVERSEN STEEN BRUMMERSTEDT [DK]  
• [XI] US 2010256430 A1 20101007 - BATHURST CHRISTOPHER FRANCIS [NZ]  
• [A] US 2014331556 A1 20141113 - HORNUNG ANDREAS [GB], et al  
• See references of WO 2020070343A1

Cited by  
WO2024009117A1

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

DOCDB simple family (publication)  
**EP 3862410 A1 20210811; EP 3862410 A4 20220525; WO 2020070343 A1 20200409**

DOCDB simple family (application)  
**EP 18936204 A 20181002; ES 2018000072 W 20181002**