

Title (en)

RENEWABLE ENERGY STORAGE AND ZERO EMISSION POWER SYSTEM

Title (de)

SPEICHERUNG VON ERNEUERBARER ENERGIE UND EMISSIONSFREIES STROMVERSORGUNGSSYSTEM

Title (fr)

STOCKAGE D'ÉNERGIE RENOUVELABLE ET SYSTÈME D'ÉNERGIE À ÉMISSION ZÉRO

Publication

EP 3215458 A1 20170913 (EN)

Application

EP 15797214 A 20151103

Priority

- US 201462074454 P 20141103
- US 2015058859 W 20151103

Abstract (en)

[origin: WO2016073500A1] The invention provides an energy system comprising a fuel processor for receiving a hydrocarbon fuel and for catalytically converting the hydrocarbon fuel into a reformat, an electric heating apparatus coupled to the fuel processor for providing thermal energy to the fuel processor, an energy source coupled to the electric heating apparatus for providing power thereto, and a catalytic reactor for processing the reformat and for converting the reformat into a liquid fuel.

IPC 8 full level

C01B 3/38 (2006.01); **C07C 29/151** (2006.01); **C25B 1/04** (2006.01)

CPC (source: EP)

C01B 3/384 (2013.01); **C07C 29/1518** (2013.01); **C25B 1/04** (2013.01); **C25B 15/08** (2013.01); **C01B 2203/0233** (2013.01); **C01B 2203/0244** (2013.01); **C01B 2203/0261** (2013.01); **C01B 2203/0475** (2013.01); **C01B 2203/061** (2013.01); **C01B 2203/062** (2013.01); **C01B 2203/066** (2013.01); **C01B 2203/085** (2013.01); **C01B 2203/0866** (2013.01); **C01B 2203/1241** (2013.01); **C01B 2203/148** (2013.01); **C01B 2203/1604** (2013.01); **Y02E 60/36** (2013.01); **Y02P 20/133** (2015.11); **Y02P 20/50** (2015.11); **Y02P 30/00** (2015.11)

Citation (search report)

See references of WO 2016073500A1

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

DOCDB simple family (publication)

WO 2016073500 A1 20160512; EP 3215458 A1 20170913

DOCDB simple family (application)

US 2015058859 W 20151103; EP 15797214 A 20151103