

Title (en)

METHOD FOR PRODUCING ENERGY AND CAPTURING CO₂

Title (de)

VERFAHREN ZUR ERZEUGUNG VON ENERGIE UND ZUM ABFANGEN VON CO₂

Title (fr)

PROCÉDÉ DE PRODUCTION D'ÉNERGIE ET CAPTURE DU CO₂

Publication

EP 2359059 A1 20110824 (FR)

Application

EP 09755966 A 20091006

Priority

- FR 2009051894 W 20091006
- FR 0856995 A 20081015

Abstract (en)

[origin: WO2010043797A1] Method for producing energy by oxidizing a carbon-containing fuel (4) and for capturing the resultant carbon dioxide (CO₂), comprising: - a chemical loop step (1), - a secondary oxidation step (12), - a heat exchange transfer (10a-10f), - a post-treatment (16).

IPC 8 full level

F23C 10/01 (2006.01); **F24V 30/00** (2018.01); **C01B 32/50** (2017.01); **F23C 13/00** (2006.01)

CPC (source: EP US)

F23C 10/01 (2013.01 - EP US); **F23C 13/00** (2013.01 - EP US); **F23C 2900/99008** (2013.01 - EP US); **Y02C 20/40** (2020.08 - EP US); **Y02E 20/34** (2013.01 - EP US)

Citation (search report)

See references of WO 2010043797A1

Designated contracting state (EPC)

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 SE SI SK SM TR

DOCDB simple family (publication)

FR 2937119 A1 20100416; **FR 2937119 B1 20101217**; AU 2009305282 A1 20100422; CA 2737663 A1 20100422; CN 102187153 A 20110914; EP 2359059 A1 20110824; JP 2012506022 A 20120308; US 2011198861 A1 20110818; WO 2010043797 A1 20100422

DOCDB simple family (application)

FR 0856995 A 20081015; AU 2009305282 A 20091006; CA 2737663 A 20091006; CN 200980140876 A 20091006; EP 09755966 A 20091006; FR 2009051894 W 20091006; JP 2011531535 A 20091006; US 200913124103 A 20091006