

Title (en)  
SYSTEM AND METHOD FOR EFFICIENTLY USING EXCESS ELECTRICAL ENERGY

Title (de)  
ANLAGE UND VERFAHREN ZUR EFFIZIENTEN NUTZUNG VON ÜBERSCHÜSSIGER ELEKTRISCHER ENERGIE

Title (fr)  
INSTALLATION ET PROCÉDÉ D'UTILISATION EFFICIENTE D'UN EXCÉDENT D'ÉNERGIE ÉLECTRIQUE

Publication  
**EP 3044194 A1 20160720 (DE)**

Application  
**EP 14761340 A 20140905**

Priority  
• DE 102013218175 A 20130911  
• EP 2014068890 W 20140905

Abstract (en)  
[origin: WO2015036321A1] The invention relates to a system, comprising a first device for producing ethyne by partially oxidizing at least one hydrocarbon, which first device produces a first product gas flow containing ethyne, a second device for electrothermally producing ethyne, which second device produces a second product gas flow containing ethyne, and a separating device for separating ethyne from a gas flow, to which separating device both the first product gas flow and the second product gas flow are fed. Said system can efficiently use excess electrical energy, in that the device for electrothermally producing ethyne is operated by means of excess electrical energy.

IPC 8 full level  
**C07C 2/80** (2006.01); **C07C 11/24** (2006.01)

CPC (source: EP KR US)  
**B01J 7/00** (2013.01 - US); **B01J 19/0046** (2013.01 - US); **C07C 2/78** (2013.01 - EP KR US); **C07C 2/80** (2013.01 - EP KR US); **C07C 2/82** (2013.01 - US); **C07C 11/24** (2013.01 - KR); **B01J 2219/00006** (2013.01 - EP US); **B01J 2219/0006** (2013.01 - KR); **B01J 2219/00452** (2013.01 - EP US); **B01J 2219/00585** (2013.01 - EP US); **B01J 2219/00716** (2013.01 - EP US); **B01J 2219/0072** (2013.01 - EP US)

Citation (search report)  
See references of WO 2015036321A1

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 2015036321 A1 20150319**; AR 097625 A1 20160406; CA 2923663 A1 20150319; CN 105636925 A 20160601; EP 3044194 A1 20160720; JP 2016533387 A 20161027; KR 20160058128 A 20160524; SG 11201601768W A 20160428; TN 2016000096 A1 20170705; US 2016221892 A1 20160804

DOCDB simple family (application)  
**EP 2014068890 W 20140905**; AR P140103386 A 20140911; CA 2923663 A 20140905; CN 201480049345 A 20140905; EP 14761340 A 20140905; JP 2016541888 A 20140905; KR 20167009281 A 20140905; SG 11201601768W A 20140905; TN 2016000096 A 20140905; US 201415021158 A 20140905