

Title (en)
METHOD FOR THE FLEXIBLE USE OF ELECTRICITY

Title (de)
VERFAHREN ZUM FLEXIBLEN EINSATZ VON STROM

Title (fr)
PROCÉDÉ D'UTILISATION FLEXIBLE D'ÉNERGIE ÉLECTRIQUE

Publication
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Application
EP 13789282 A 20131108

Priority

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Abstract (en)
[origin: WO2014086546A1] The invention relates to an integrated system, comprising a system for the electrothermal production of ethyne and a system for power generation, wherein the system for the electrothermal production of ethyne is connected to the system for power generation by way of a line. In the system for power generation, power is generated from a product gas obtained from the system for the electrothermal production of ethyne. Said integrated system allows a flexible use of electricity by way of a method in which the system for the electrothermal production of ethyne is operated in times of high power supply, and at least a part of the hydrogen and/or gaseous hydrocarbons obtained besides ethyne, is stored, and in times of low power supply, stored hydrogen and/or gaseous hydrocarbons are supplied to the system for power generation.

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Citation (search report)
See references of WO 2014086546A1

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