

Title (en)
INTEGRATED SYSTEM AND METHOD FOR THE FLEXIBLE USE OF ELECTRICITY

Title (de)
INTEGRIERTE ANLAGE UND VERFAHREN ZUM FLEXIBLEN EINSATZ VON STROM

Title (fr)
INSTALLATION INTÉGRÉE ET PROCÉDÉ D'UTILISATION FLEXIBLE D'ÉNERGIE ÉLECTRIQUE

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Application
EP 13789289 A 20131108

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Abstract (en)
[origin: WO2014086547A1] The invention relates to an integrated system, comprising a system for the electrothermal production of ethyne and a separating device for separating ethyne from the reaction mixture of the electrothermal production of ethyne obtaining at least one gas stream containing hydrogen and/or hydrocarbons. The integrated system has a device for introducing a gas into a natural gas grid, to which a gas stream containing hydrogen and/or hydrocarbons is fed from the separating device by way of at least one line. Said integrated system enables a flexible use of electricity by way of a method in which a gas stream containing hydrogen and/or hydrocarbons is fed from the separating device into a natural gas grid, and subject to the power supply, the quantity and/or the composition of the gas stream supplied to the natural gas grid is modified.

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Citation (search report)
See references of WO 2014086547A1

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