

Title (en)
REGENERATIVE ENERGY SYSTEM

Title (de)
REGENERATIVES ENERGIESYSTEM

Title (fr)
SYSTEME ENERGETIQUE REGENERATIF

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Application
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Abstract (en)
[origin: WO2006032685A1] The invention relates to a regenerative energy system, comprising a first energy producer and a second energy producer. The aim of the invention is to improve the environmental sustainability of isolated electrical networks. A regenerative energy system with a first energy producer is hence disclosed, the energy generation of which is dependent on the weather and/or the position of the sun, whereby the first energy producer comprises a generator by means of which electrical energy is generated which is supplied to a network to which several users are connected and a second energy producer, comprising a generator and a connected internal combustion engine, whereby said second energy producer has a tank with fuel which may be supplied to the internal combustion engine as required. A unit for the generation of the fuel from renewable raw materials is provided and the fuel generation unit draws energy for the operation thereof from the first energy producer, in particular when the first electrical energy producer can generate more electricity than the users connected to the network can use and/or an energy demand from the network to the first energy production system is given which permits the introduction of energy to a second energy producer.

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