

Title (en)

METHOD FOR PROVIDING CONTROL POWER

Title (de)

VERFAHREN ZUR BEREITSTELLUNG VON REGELLEISTUNG FÜR EIN ELEKTRISCHE ENERGIEVERSORGUNGSNETZ

Title (fr)

PROCÉDÉ POUR FOURNIR UNE PUISSANCE DE RÉGULATION

Publication

**EP 2777117 A2 20140917 (DE)**

Application

**EP 12781066 A 20121026**

Priority

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Abstract (en)

[origin: WO2013068244A2] The invention relates to a method for providing control power for a power network, in which an energy generator connected to the power network supplies energy to the power network as necessary or an energy consumer connected to the power network absorbs energy from the power network as necessary. According to the invention, an energy generator and/or an energy consumer are operated together with an energy store connected to the power network in order to provide the control power, and the energy store at least partially absorbs and/or releases an overshoot energy, the overshoot energy being generated when the power of the energy generator overshoots the nominal power and/or being consumed when the power of the energy consumer overshoots the nominal power. The invention also relates to a device for carrying out such a method, in which the device comprises a control, an energy store and an energy generator and/or energy consumer, wherein the device is connected to a power network, the control is connected to the energy store and to the energy consumer and/or the energy generator and controls the generated and/or absorbed control energy.

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