

Title (en)

METHOD AND SOFT SENSOR FOR DETERMINING A POWER OF AN ENERGY PRODUCER

Title (de)

VERFAHREN UND SOFTSENSOR ZUM ERMITTELN EINER LEISTUNG EINES ENERGIEERZEUGERS

Title (fr)

PROCÉDÉ ET CAPTEUR LOGICIEL PERMETTANT DE DÉTERMINER UNE PUISSANCE D'UN GÉNÉRATEUR D'ÉNERGIE

Publication

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Application

EP 16816600 A 20161207

Priority

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- EP 2016080072 W 20161207

Abstract (en)

[origin: WO2017108405A1] In order to determine a power output by a first energy producer (GT), wherein the first energy producer (GT) is coupled to a second energy producer (DT), a first soft sensor (S1) which is trained to determine an individual mode power value (EL) of the first energy producer (GT) is queried. In a mode combining the first and second energy producers (GT, DT), an individual mode power value (EL) determined for the first energy producer (GT) by the first soft sensor (S1) is read in here. Furthermore, a second soft sensor (S2) determines a first power value (L1) for the first energy producer (GT) and a second power value (L2) for the second energy producer (DT). In addition, a total power (GL) of the energy producers (GT, DT) is determined. According to the invention, the second soft sensor (S2) is trained in such a manner that an individual deviation (DEL1) between the individual mode power value (EL) and the first power value (L1) and a total deviation (DELG) between the total power (GL) and a combination of the first and second power values (L1, L2) are reduced. The first power value (L1) is output.

IPC 8 full level

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CPC (source: EP KR US)

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