

Title (en)
TESTING A PARAMETERIZATION OF ONE OR MORE MEASURING DEVICES

Title (de)
PRÜFUNG EINER PARAMETRISIERUNG EINER ODER MEHRERER MESSEINRICHTUNGEN

Title (fr)
TEST D'UN PARAMÉTRAGE D'UN OU DE PLUSIEURS DISPOSITIFS DE MESURE

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Abstract (en)
[origin: WO2022152438A1] A method for testing one or more measuring devices n (42) for resources (43) of an energy system (4) is proposed, wherein the measuring devices n (42) are assigned to a common measuring device (41), characterized by at least the following steps of: - capturing a measurement signal P n (t) by means of each of the measuring devices n (42);- capturing a sum signal P PCC (t) by means of the common measuring device (41);- providing a target function Z which determines a difference between the captured sum signal P PCC (t) and a modelled sum signal (formula (I)), wherein - the modelled sum signal (formula (I)) is formed by means of the captured measurement signals P n (t) and a respective scaling factor S n ; and - calculating the values of the scaling factors S n by extremalizing the target function Z; wherein - the testing is carried out by determining an error of one of the measuring devices n by virtue of the calculated value of the associated scaling factor S n differing from a value stipulated for the respective measuring device n (42). The invention furthermore relates to a method for starting up a plurality of measuring devices (42).

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