

Abstract**Method for Controlling the State of Charge of a Battery Power Plant**

5 In a method for controlling the state of charge (SOC) of a battery power plant (1), which for
controlling at least one physical quantity (P, f) is connected to an electric energy distribution
network (2), the state of charge (SOC) of the battery power plant (1) is detected for at least
one physical quantity (P, f) of the energy distribution network (2) with a detection speed
and/or detection accuracy which are greater than specified limit values for a minimum detec-
10 tion speed and detection accuracy of the physical quantity (P, f), and the electric power
transfer between the battery power plant (1) and the energy distribution network (2) is deter-
mined by taking account of the difference between the actual and the specified control speed
and control accuracy of the physical quantity (P, f) to be controlled as well as a difference
between the actual and the specified height and rate of change of the power transfer be-
15 tween the battery power plant (1) and the energy distribution network (2).

FIG. 7