

Title (en)

METHOD FOR CONTROLLING THE QUALITY OF THE ELECTRON ENERGY OF AN ELECTRICAL POWER SUPPLY SYSTEM

Title (de)

VERFAHREN ZUM STEuern DER ELEKTRONENERGIEQUALITÄT EINES ELEKTRISCHEN ENERGIEVERSORGUNGSNETZES

Title (fr)

PROCEDE DE COMMANDE DE LA QUALITE DE L'ENERGIE ELECTRIQUE D'UN RESEAU D'ALIMENTATION EN ENERGIE ELECTRIQUE

Publication

**EP 1800379 A1 20070627 (DE)**

Application

**EP 05794668 A 20050920**

Priority

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- DE 102004050455 A 20041013

Abstract (en)

[origin: WO2006040242A1] The aim of the invention is to create a method for controlling the quality of the electron energy of an electrical power supply system, which allows the quality of the electron energy to be controlled so as to correspond largely to the required threshold values. Said aim is achieved by a method comprising the following steps: a first test curve of measured values of a parameter which indicates the quality of the electron energy of the power supply system is detected during a first observation period; a first pattern recognition is performed regarding said first test curve in order to generate a user profile which indicates expected time-related deviations of the parameter from a predefined setpoint range for at least one future observation period based of patterns recognized in the first test curve; and measures that stabilize the quality of the electron energy are taken for the times of the future observation period during which a deviation of the parameter from the setpoint range is expected to occur according to the user profile.

IPC 8 full level

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