

Title (en)
POWER SYSTEM

Title (de)
STROMVERSORGUNGSSYSTEM

Title (fr)
SYSTÈME D'ALIMENTATION

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Application
EP 14733983 A 20140617

Priority
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Abstract (en)
[origin: WO2014202087A1] The present invention relates to an electric power system and method for power control of a main generator driven by a main engine of a ship, which power system comprises a second auxiliary generator, which generators are controlled by an electronic control system to adjust the fuel index of the auxiliary generator while running parallel with the shaft generator. It is the object of the invention to achieve long period of parallel operation of a shaft generators and an auxiliary generator connected directly to a common grid. A further object of the invention is fuel saving during by parallel operation. The object can be if the electronic control system is adapted to perform supervision and control of heavy consumer on the vessel to mitigate load jumps, which heavy consumers are adapted to transmit a request for power consumption to the electronic control system, which electronic control system is adapted to adjust the fuel specific index for change of power demand, which electronic system is adapted to transmit an acknowledge to the heavy consumers, which heavy consumers are adapted to connect to the grid by receiving acknowledge from the electronic control system.

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Citation (search report)
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