

Title (en)
ELECTRICAL ENERGY PRODUCTION SYSTEM AND METHOD FOR OPERATING AN ELECTRICAL ENERGY PRODUCTION SYSTEM

Title (de)
ELEKTRISCHES ENERGIEERZEUGUNGSSYSTEM UND VERFAHREN ZUM BETREIBEN EINES ELEKTRISCHEN ENERGIEERZEUGUNGSSYSTEMS

Title (fr)
SYSTÈME DE PRODUCTION D'ÉNERGIE ÉLECTRIQUE ET PROCÉDÉ POUR LE FONCTIONNEMENT D'UN SYSTÈME DE PRODUCTION D'ÉNERGIE ÉLECTRIQUE

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Application
EP 18727162 A 20180507

Priority
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• EP 2018061708 W 20180507

Abstract (en)
[origin: WO2019015822A1] The invention relates to an electrical energy production system (10), comprising: a diesel engine (1) that is functionally coupled to a three-phase current generator device (2), the generator device (2) being functionally coupled to an electrical intermediate circuit (30), the electrical intermediate circuit (30) being functionally coupled to an electrical consumption device (40), a passive rectifier (20) and a pulse rectifier (21) being connected in parallel in the intermediate circuit, an electrical intermediate circuit voltage (u_{ZK}) of the electrical intermediate circuit (30) being provided, in a defined manner, from the passive rectifier (20) and the pulse rectifier (21), a nominal value (u_{ZK_min}) of the electrical intermediate circuit voltage (u_{ZK}) being supplied to the pulse rectifier (21), and the pulse rectifier (21) providing a defined portion of the electrical intermediate circuit voltage (u_{ZK}).

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Citation (search report)
See references of WO 2019015822A1

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