

Title (en)

METHOD AND SYSTEM FOR REDUCING A STARTUP TIME OF A GENSET

Title (de)

VERFAHREN UND SYSTEM ZUR REDUZIERUNG DER STARTZEIT EINES GENSETS

Title (fr)

PROCÉDÉ ET SYSTÈME POUR RÉDUIRE LE TEMPS DE DÉMARRAGE D'UN GROUPE ÉLECTROGÈNE

Publication

**EP 4042560 A4 20231108 (EN)**

Application

**EP 20874887 A 20200821**

Priority

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Abstract (en)

[origin: WO2021071596A1] A method and system of power generating is provided to reduce a startup time of a genset for providing requested power to a utility grid or a load. The genset includes a generator, a turbocharger, and an energy storage. The generator includes an engine. The genset responds to a genset start signal by accelerating an engine speed of the generator to reach a synchronous speed. The engine speed is accelerated more rapidly by activating the energy storage device to supply power to at least one of the generator and the turbocharger. The generator then supplies power to the utility grid or load.

IPC 8 full level

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Citation (search report)

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Designated contracting state (EPC)

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