

Title (en)
ENERGY SUPPLY SYSTEM

Title (de)
ENERGIEVERSORGUNGSSYSTEM

Title (fr)
SYSTÈME D'ALIMENTATION EN ÉNERGIE

Publication
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Application
EP 20716768 A 20200401

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Abstract (en)
[origin: CA3135680A1] The invention relates to a method for supplying electrical energy (10), wherein a heat store (2) is charged with heat energy (3) in a heat charging station (1), wherein the heat energy (3) is converted into electrical energy (10) in a conversion station (5). The invention also relates to an energy supply system for supplying electrical energy (10), in particular according to said method, wherein the energy supply system has at least one heat store (2), and wherein the energy supply system has a heat charging station (1) for charging the heat store (2) with heat energy (3). The energy supply system has a conversion station (5) for converting heat energy (3) stored in the heat store (2) into electrical energy (10), wherein the system has an energy generation device for generating electrical energy (10), and wherein the system is designed to convert electrical energy (10) generated by the energy generation device into heat energy (3) and to store same in the heat store (2).

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