

Title (en)  
ENERGY SYSTEM

Title (de)  
ENERGIESYSTEM

Title (fr)  
SYSTÈME ÉNERGÉTIQUE

Publication  
**EP 4348792 A1 20240410 (DE)**

Application  
**EP 22734116 A 20220526**

Priority  
• DE 102021113937 A 20210529  
• EP 2022064358 W 20220526

Abstract (en)  
[origin: WO2022253695A1] Disclosed is an energy system comprising at least one energy store (1) for storing electric energy, and at least one inverter (6), the energy system being modularly designed in respect of the energy store and/or the inverter (6). Also disclosed is the use of the energy system when forming a stand-alone power system having particularly low standby losses as a result of the use of an electrically non-isolated DC/AC converter as well as high efficiency especially in the low partial load range. The invention finally relates to the use of the energy system in which energy sources such as PV modules can be connected to the energy system within the protective extra-low voltage, as is often desired in caravans and motorhomes.

IPC 8 full level  
**H02J 3/32** (2006.01)

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