

Title (en)
UNINTERRUPTIBLE POWER SUPPLY

Title (de)
UNTERBRECHUNGSFREIE STROMVERSORGUNG

Title (fr)
ALIMENTATION DE COURANT SANS INTERRUPTION

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Application
EP 18739466 A 20180621

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Abstract (en)
[origin: WO2019007691A1] The invention relates to an uninterruptible power supply (UPS) for a three-phase alternating current network, in particular a medium-voltage network, comprising an energy storage system, a switch, an LC resonant circuit, which comprises a series connection of an inductance and a capacitance, and a control unit for controlling the switch. The switch and the LC resonant circuit are connected in series, and the series connection of switch and LC resonant is arranged between a network feed and the energy storage system which is connected to a load. The invention further relates to a method for operating such a UPS and to a corresponding computer program.

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