

Title (en)

ELECTRICAL POWER SUPPLY DEVICE AND CORRESPONDING COMMUNICATION SYSTEM

Title (de)

STROMVERSORGUNGSVORRICHTUNG UND ENTSPRECHENDES KOMMUNIKATIONSSYSTEM

Title (fr)

DISPOSITIF D'ALIMENTATION ÉLECTRIQUE ET SYSTÈME DE COMMUNICATION CORRESPONDANT

Publication

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Application

EP 17784651 A 20171018

Priority

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- EP 2017076601 W 20171018

Abstract (en)

[origin: WO2018073301A1] The invention relates to an electrical power supply device (1000) comprising: a voltage source (100), the voltage of which can be regulated by means of a regulating signal Vreg, and delivering a source power Ps at a source voltage Vs; a feedback device (110) delivering the regulating signal Vreg according to a piece of information relating to the source power Ps, the regulating signal Vreg tending to maintain the source power Ps around a reference source power Ps_ref by inducing a decrease or an increase in the source voltage Vs when the piece of information indicates that the source power Ps increases or decreases; and a buffer supply (120), supplied by the voltage source, and contributing to the output power of the electrical power supply device at least when the output power is greater than the reference source power Ps_ref.

IPC 8 full level

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