

Title (en)

METHOD FOR CONTROLLING A MOSFET IN REVERSE OPERATION

Title (de)

VERFAHREN ZUM ANSTEUERN EINES MOSFET IM RÜCKWÄRTSBETRIEB

Title (fr)

PROCÉDÉ DE DÉCLENCHEMENT D'UN TRANSISTOR À EFFET DE CHAMP MÉTAL-OXYDE-SEMI-CONDUCTEUR SE TROUVANT EN MODE INVERSE

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Abstract (en)

[origin: WO2013041275A2] The invention relates to a method and a circuit arrangement (150) for controlling a MOSFET (120, 122) that is in reverse operation, and to a DC/DC converter (100) comprising such a circuit arrangement (150). In the reverse operation, a current flows through an inverse diode (130, 140) of the MOSFET (120, 122) that brings about the drop of a voltage via the inverse diode (130, 140). The voltage over the inverse diode (130, 140) is used in order to activate the MOSFET (120, 122).

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