

Title (en)
POWER CONVERTER AND THE USE THEREOF

Title (de)
STROMRICHTER SOWIE SEINE VERWENDUNG

Title (fr)
CONVERTISSEUR ET SON UTILISATION

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Abstract (en)
[origin: WO9857374A1] The invention relates to a power converter (19) comprising at least one semi-conductor element having a substrate (1) with a series connection (2, 3) having an active switching element (2) that can be switched into a switching position or a conducting position by applying an appropriate electrical voltage, in addition to a diode (3). The invention also relates to the use of said power converter (19). Preferably, the semi-conductor element consists of a semi-conductor with high break-through field intensity, specially silicon carbide.

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