

Title (en)

VOLTAGE CONVERTER COMPRISING A PROTECTION DEVICE

Title (de)

SPANNUNGSWANDLER MIT SCHUTZVORRICHTUNG

Title (fr)

CONVERTISSEUR DE TENSION COMPRENANT UN DISPOSITIF DE PROTECTION

Publication

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Application

EP 22724702 A 20220422

Priority

- FR 2104260 A 20210423
- EP 2022060651 W 20220422

Abstract (en)

[origin: WO202223756A1] The present invention proposes a converter comprising at least one switching arm (16), comprising: a ground terminal (17), a supply terminal (18), a first and a second power component (Q1, Q2) and a phase terminal (19). The voltage converter (15) furthermore comprises a protection device (22) for protecting the switching arm (16), configured to detect a fault mode in which the first and the second power component (Q1, Q2) are in the on state, the protection device (22) comprising a measuring module (23) designed to emit an offset voltage based on a measured voltage of the switching arm and on a reference voltage, and a detection module (24) designed to emit an integral signal corresponding to the integral of the offset voltage.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 202223756A1

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