

Title (en)

SENSING FAILURE OF A CAPACITOR IN A CONVERTER

Title (de)

ERFASSEN EINES AUSFALLS EINES KONDENSATORS IN EINEM UMRICHTER

Title (fr)

DÉTECTION DE DÉFAILLANCE D'UN CONDENSATEUR DANS UN CONVERTISSEUR

Publication

EP 3369164 A1 20180905 (EN)

Application

EP 15788378 A 20151029

Priority

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Abstract (en)

[origin: WO2017071754A1] A processing module (50) for use in conjunction with at least one capacitor (30) included in a converter (100) for conversion of alternating current power to direct current power, or vice versa, is disclosed. The processing module (50) is configured to receive values of sensed current (I_{cap}) flowing into the at least one capacitor (30) and possibly values of sensed voltage (I_{cap}) over the at least one capacitor (30). According to embodiments of the present invention, sensed current (I_{cap}) flowing into the at least one capacitor (30) and possibly voltage (I_{cap}) over the at least one capacitor (30) may be utilized in order to provide or generate an indication of any possible failure or onset of failure of the at least one capacitor (30). A method (300) in the processing module (50) and system (200) comprising the processing module (50) are also disclosed.

IPC 8 full level

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CPC (source: EP US)

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Cited by

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