

Title (en)
GALVANICALLY COUPLED ELECTRICAL CONVERTER

Title (de)
GALVANISCH GEKOPPELTER ELEKTRISCHER WANDLER

Title (fr)
CONVERTISSEUR ÉLECTRIQUE À COUPLAGE GALVANIQUE

Publication
EP 3625884 A1 20200325 (DE)

Application
EP 18739750 A 20180626

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Abstract (en)
[origin: WO2019015920A1] The invention relates to a galvanically coupled electrical converter for converting an input voltage applied to first terminals into an output voltage, comprising a step-up converter which is connected on the input side to the first terminals, a buck-boost converter which is connected on the input side to the first terminals and a series circuit of two capacitors, which is connected to the output-side positive terminal of the step-up converter and to the output-side negative pole of the buck-boost converter, wherein the output-side negative pole of the step-up converter and the output-side positive pole of the buck-boost converter are connected to the medium connection between the capacitors.

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H02M 3/158 (2006.01)

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H02M 3/158 (2013.01 - EP); **H02M 3/1582** (2013.01 - US); **H02M 1/0095** (2021.05 - US)

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See references of WO 2019015920A1

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