

Title (en)
MEASURING ASSEMBLY FOR AN INVERTER AND INVERTER ASSEMBLY

Title (de)
MESSANORDNUNG FÜR EINEN UMRICHTER UND UMRICHTERANORDNUNG

Title (fr)
SYSTÈME DE MESURE POUR UN CONVERTISSEUR ET ENSEMBLE CONVERTISSEUR

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Application
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Abstract (en)
[origin: WO2021253064A2] The invention relates to a measuring assembly for determining the bridge currents of a connected electrical converter unit (2), in which at least two electronic half bridges (3, 3') are connected by a control unit (4) in a modulation process with temporally offset actuation signals, comprising a measuring unit (1) that is connected to current sensors (6, 6'), wherein the current sensors (6, 6') are arranged for measuring the bridge currents in the output or input lines of the half bridges (3, 3'), and the measuring unit (1) is connected to the control unit (4) for temporal synchronisation, wherein the measuring unit (1) is designed to defined measuring times (8, 8') of the current sensors (6, 6'), which are temporally synchronised with the actuation signals of the half bridges (3, 3'), as well as an inverter assembly comprising a measuring assembly of this type.

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See references of WO 2021253064A2

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