

Title (en)
CURRENT INVERTER

Title (de)
WESHSSELRICHTER

Title (fr)
ONDULEUR

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Application
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Abstract (en)
[origin: WO02087062A2] The invention relates to a current inverter (2), in particular for a photovoltaic solar unit, comprising at least one DC-DC converter (3), an intermediate circuit (4) and a DC-AC converter (5), to which an energy source (6), or an energy generator, in particular a solar unit (7) and/or a battery, may be connected and the above may be connected to an AC network (8) and/or one or several users (9). A transformer (12) in the DC-DC converter (3) comprises, on the primary side (16) thereof, several primary windings (17, 18) for various input voltage ranges. The primary windings (17, 18) may be selectively connected in series, by means of at least one switching device (11), according to the size of the supply input voltage, resulting in the possibility of setting various conversion ratios for the transformer (12).

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