

Title (en)

MEDIUM FREQUENCY TRANSFORMER AND SEMICONDUCTOR CONVERTER WITH A MEDIUM FREQUENCY TRANSFORMER

Title (de)

MITTELFREQUENZTRANSFORMATOR SOWIE HALBLEITERUMRICHTER MIT EINEM MITTELFREQUENZTRANSFORMATOR

Title (fr)

TRANSFORMATEUR A FREQUENCE MOYENNE ET CONVERTISSEUR A SEMI-CONDUCTEUR AYANT UN TRANSFORMATEUR A FREQUENCE MOYENNE

Publication

EP 3139392 B1 20181114 (DE)

Application

EP 15183787 A 20150904

Priority

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Abstract (en)

[origin: CN106504869A] The invention relates to a transformer (2), in particular a medium - frequency transformer, for use in an inverter (1), comprising: a transformer core (21), a multi-core winding (22) having a plurality of wires (22a, 22b) around the transformer core (21), each of the wires (22a, 22b) forming a winding branch (24a, 24b); terminals (23) at which respective ends of the wires (22a, 22b) are electrically connected to each other; an inductive coupling (5) for inductively coupling the winding branches (24a, 24b) in pairs so as to compensate for parasitic branch currents in the winding branches (24a, 24b).

IPC 8 full level

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