

Title (en)
RADIO INTERFERENCE SUPPRESSION CHOKE

Title (de)
DROSSEL ZUR FUNKENTSTÖRUNG

Title (fr)
SELF ANTIPARASITE

Publication
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Application
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Abstract (en)
[origin: WO9919889A1] The invention relates to a radio interference suppression choke, comprising a connection wire (1) consisting of an electroconductive and heat conductive non-ferromagnetic first alloy and a strip-wound magnetic core (2) consisting of a ferromagnetic second alloy and comprising a thin strip wound around the connection wire (1) to form a coil and connected to said connection wire (1) at the ends with a positive fit. In addition to enabling automatisable further processing, the inventive radio interference suppression choke provides optimal thermal contact of the strip-wound magnetic core with the printed circuit board via the connection wire which is configured as a current-carrying conductor. This enables any excess temperature arising in the strip-wound magnetic core to be reduced to a more suitable level for the alloys used and consequently drastically reduces the problem of ageing which is e-functionally related to temperature.

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