

Title (en)

INDUCTIVE CIRCUIT ELEMENT AND METHOD FOR ASSEMBLY OF AN INDUCTIVE CIRCUIT ELEMENT

Title (de)

INDUKTIVES SCHALTUNGSELEMENT UND VERFAHREN ZUR MONTAGE EINES INDUKTIVEN SCHALTUNGSELEMENTS

Title (fr)

ELEMENT DE CIRCUIT INDUCTIF ET PROCEDE DE MONTAGE D'UN ELEMENT DE CIRCUIT INDUCTIF

Publication

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Application

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Abstract (en)

[origin: WO2006053862A1] For inductive circuit elements, the production of windings from U-shaped curved wire elements is known, which arch over a core and, together with conductor tracks soldered into the ends thereof, form complete windings. The above can lead to thermal problems and large dispersion of the electromagnetic parameters. According to the invention, an inductive circuit element is thus provided, whereby U-shaped first hoops (2) and second hoops (4) are arranged in opposition and directly connected to each other such as to enclose the annular core (3) as complete windings. The group of the first hoops (2) is thus fixed to a support circuit board (1) and the group of the second hoops (4) are fixed on an opposing circuit board (5).

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