Title (en)

INDUCTIVE COMPONENT FOR HIGH CURRENTS AND METHOD FOR THE PRODUCTION THEREOF

Title (de)

INDUKTIVES BAUELEMENT FÜR HOHE STRÖME UND VERFAHREN ZU DESSEN HERSTELLUNG

Title (fr)

COMPOSANT INDUCTIF POUR COURANTS ELEVES ET PROCEDE DE PRODUCTION DE CE COMPOSANT

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2006015589A1] The invention relates to an inductive component which is suitable for high currents, said component comprising a closed magnetic core (3) and a conductor (1) which is difficult to bend and which passes at least twice through the inside of the magnetic core (3). The conductor (1) is, preferably, composed of several parts (11, 12) which can be, respectively, introduced in an easy manner through the inner hole of the magnetic core (3). The parts (11, 12) of the conductor are mechanically connected together in a fixed manner after introduction, and the connecting point is on the outside of the inner chamber of the magnetic core (3). The advantage of said invention is that said inductive component, which is configured for high currents, can achieve high inductively values with a low construction volume.

IPC 8 full level

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