

Title (en)

Inductive component with a bar core

Title (de)

Induktives Bauelement mit einem Stabkern

Title (fr)

Composant inductif avec un noyau en forme de baguette

Publication

**EP 0989569 A2 20000329 (DE)**

Application

**EP 99203009 A 19990915**

Priority

DE 19843415 A 19980922

Abstract (en)

The inductive component (1) has a rod-shaped core (2) carrying a coil former (3) for a current coil winding enclosing the core axis. The width of the innermost winding layer is less than the length of the core, the width of the winding layers (4) increasing in the outwards direction from the innermost winding layer. Also included are Independent claims for the following: (a) a coil former for an inductive component; (b) an application of an inductive component as a coil; (c) an application of an inductive component as a transformer

Abstract (de)

Die Erfindung bezieht sich auf ein induktives Bauelement (1) mit einem Stabkern (2) und einem Wickelkörper (3), in den die Stabkernachse umschließende Stromwindungslagen (4) eingebettet sind. Um einer Erhitzung des induktiven Bauelements entgegenzuwirken, wird vorgeschlagen, daß die Breite der innersten Stromwindungslage kleiner als die Stabkernlänge ist und daß die Breite der Stromwindungslagen von innen nach außen zunimmt. <IMAGE>

IPC 1-7

**H01F 27/28**

IPC 8 full level

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CPC (source: EP US)

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