

Title (en)

Choke coil with spiral-wound winding embedded in insulating material.

Title (de)

Drosselspule mit spiralförmiger, in Isoliermaterial eingebetteter Wicklung.

Title (fr)

Bobine d'induction avec enroulement en forme de spirale encapsulé en matériau d'isolation.

Publication

EP 0639840 A2 19950222 (DE)

Application

EP 94111123 A 19940718

Priority

- DE 4324634 A 19930722
- DE 4404079 A 19940209

Abstract (en)

An inductor having a spiral winding, embedded in insulating material, is proposed, at least one end face (9,10) of the inductor (1) being designed in such a way that the Joule heat produced in the winding (3,4,5) can be dissipated via the said end face, by means of thermal contact-making, to at least one liquid heat sink (18,19). <IMAGE>

Abstract (de)

Es wird eine Drosselspule mit spiralförmiger, in Isoliermaterial eingebetteter Wicklung vorgeschlagen, wobei mindestens eine Stirnfläche (9,10) der Drosselspule (1) derart ausgebildet ist, daß hierüber die in der Wicklung (3,4,5) entstehende Stromwärme mittels thermischer Kontaktierung an mindestens einen Flüssigkeitskühlkörper (18,19) abgegeben werden kann. <IMAGE>

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IPC 8 full level

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CPC (source: EP)

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