

Title (en)

Setting inductance value of magnetic components

Title (de)

Induktanzwerteinstellung von magnetischen Komponenten

Title (fr)

Réglage de valeur d'inductance de composants magnétiques

Publication

**EP 0715323 A1 19960605 (EN)**

Application

**EP 95308655 A 19951130**

Priority

US 34787494 A 19941201

Abstract (en)

A method for setting a desired value of winding inductance in a magnetic component of the kind having a permeable core structure which defines a magnetic flux path and has a gap along the path. The method includes: a. measuring the actual value of the inductance of the winding; and b. automatically changing the gap length to cause the actual value to approach the desired value. Apparatus for setting the desired value of inductance includes: a. inductance measurement circuitry having a port for connection to the magnetic component; and b. a device having a movable support for the core structure and a controller configured to automatically change the gap length to cause the actual value to approach the desired value.

<IMAGE>

IPC 1-7

**H01F 41/02**

IPC 8 full level

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CPC (source: EP)

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Citation (applicant)

EP 92508315 A

Citation (search report)

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