

Title (en)

Method for automatically controlling the self-inductance of wound elements comprising a magnetic circuit with an adjustable air gap.

Title (de)

Verfahren zur automatischen Einstellung der Induktivität von gewickelten Elementen mit einem Magnetkreis mit verstellbarem Luftspalt.

Title (fr)

Procédé de réglage automatique de self-inductance d'éléments bobinés comportant un circuit magnétique à entrefer ajustable.

Publication

EP 0309359 A1 19890329 (FR)

Application

EP 88402401 A 19880923

Priority

FR 8713288 A 19870925

Abstract (en)

In order to control the air-gap of a coiled article with magnetic circuit (2, 3), lead beads (7, 8) and spots of adhesive (5, 6) are placed inside this air-gap. Regulated squashing of these beads allows easy and automatic control of the inductance of the coiled article. <IMAGE>

Abstract (fr)

Pour régler l'entrefer d'un produit bobine à circuit magnétique (2, 3), on dispose dans cet entrefer des billes en plomb (7, 8) et des points de colle (5, 6). L'écrasement contrôlé de ces billes permet de régler facilement et automatiquement l'inductance du produit bobiné.

IPC 1-7

H01F 3/14; **H01F 41/02**

IPC 8 full level

H01F 21/06 (2006.01); **H01F 3/14** (2006.01); **H01F 41/02** (2006.01)

CPC (source: EP)

H01F 3/14 (2013.01); **H01F 41/0206** (2013.01)

Citation (search report)

- [Y] FR 2457000 A1 19801212 - VICTOR COMPANY OF JAPAN [JP]
- [Y] GB 2039156 A 19800730 - HITACHI LTD
- [A] FR 2100142 A5 19720317 - ISKRA Z ZA AVTOMATIZ

Cited by

EP0757364A3; EP0729040A1; US5767816A

Designated contracting state (EPC)

DE ES GB IT SE

DOCDB simple family (publication)

EP 0309359 A1 19890329; **EP 0309359 B1 19930901**; DE 3883677 D1 19931007; DE 3883677 T2 19940324; ES 2042787 T3 19931216; FR 2621167 A1 19890331; FR 2621167 B1 19940520; JP 3107801 B2 20001113; JP H01107505 A 19890425; TR 24086 A 19910304

DOCDB simple family (application)

EP 88402401 A 19880923; DE 3883677 T 19880923; ES 88402401 T 19880923; FR 8713288 A 19870925; JP 24060788 A 19880926; TR 67988 A 19880926