

Title (en)  
Accumulating inductor

Title (de)  
SPEICHERDROSSEL

Title (fr)  
Bobine d'accumulation

Publication  
**EP 0185149 A1 19860625 (DE)**

Application  
**EP 85111867 A 19850919**

Priority  
DE 8428108 U 19840924

Abstract (en)  
[origin: US4728918A] A storage coil for flux converters or low setting control elements is disclosed. The storage coil has a non-linear d-c bias characteristics associated with a ferrite core. The ferrite core may be a shell core, E core, RM core and U core, with an air gap formed between adjacent end faces of core parts, the adjacent end faces being oriented toward each other to provide a contact area without an air gap less than the overall cross-sectional area of the core and air gap of varying spacing occupying the area remaining between the contact area and the overall cross-sectional area.

Abstract (de)  
Speicherdrossel für Flußwandler und Tiefsetzsteller, mit nichtlinearer Gleichstromvormagnetisierungscharakteristik und mit einem Ferritkern, insbesondere Schalenkern, E-Kern, RM-Kern und U-Kern, mit einem zwischen benachbarten Stirnflächen von Kernteilen gebildeten Luftspalt, wobei die benachbarten Stirnflächen bereichsweise luftspaltlos und bereichsweise mit einem Luftspalt wechselnder Luftspalthöhe zueinander ausgerichtet sind.

IPC 8 full level  
**H01F 38/02** (2006.01)

CPC (source: EP US)  
**H01F 38/023** (2013.01 - EP US)

Citation (search report)  
• [X] DE 2403114 A1 19750724 - LICENTIA GMBH  
• [A] DE 3123006 A1 19830105 - ROEDERSTEIN KONDENSATOREN [DE]  
• [A] DE 2848119 A1 19800514 - SIEMENS AG  
• [A] DE 3008861 A1 19810917 - SIEMENS AG [DE]

Cited by  
EP0585650A1; AU662755B2; US5506479A; WO9304569A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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**EP 85111867 A 19850919**; DE 8428108 U 19840924; US 76164985 A 19850802