

Title (en)

A SWITCHABLE FLUX CONTROL FOR HIGH POWER STATIC ELECTROMAGNETIC DEVICES

Title (de)

UMSCHALTBARE FLUSSREGELUNG FÜR STATISCHE HOCHLEISTUNGSELEKTROMAGNETANORDNUNGEN

Title (fr)

COMMANDE DE FLUX COMMUTABLE POUR DISPOSITIFS ELECTROMAGNETIQUES STATIQUES HAUTE PUISSANCE

Publication

**EP 1131829 A1 20010912 (EN)**

Application

**EP 98950250 A 19980929**

Priority

IB 9801777 W 19980929

Abstract (en)

[origin: WO0019459A1] A high power static electromagnetic device with a flux path, a main winding and one or more regulation windings surrounding portions of the flux path. A control device is coupled to the flux path for selectively admitting the flux therein. In an exemplary embodiment, multiple flux paths are selectively turned on and off for including and excluding the regulation windings from the circuit. The windings may be formed of a magnetically permeable, field-confining insulating cable.

IPC 1-7

**H01F 29/14**

IPC 8 full level

**H01F 29/02** (2006.01); **H01F 29/14** (2006.01)

CPC (source: EP)

**H01F 29/14** (2013.01)

Citation (search report)

See references of WO 0019459A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**WO 0019459 A1 20000406**; AU 9640198 A 20000417; CN 1327601 A 20011219; EP 1131829 A1 20010912; JP 2002526912 A 20020820

DOCDB simple family (application)

**IB 9801777 W 19980929**; AU 9640198 A 19980929; CN 98814339 A 19980929; EP 98950250 A 19980929; JP 2000572870 A 19980929