

Title (en)  
ELECTROMAGNETIC DEVICE

Title (de)  
ELEKTROMAGNETISCHE ANORDNUNG

Title (fr)  
DISPOSITIF ELECTROMAGNETIQUE

Publication  
**EP 1034546 A1 20000913 (EN)**

Application  
**EP 98945740 A 19980929**

Priority  
• SE 9801733 W 19980929  
• SE 9704392 A 19971126

Abstract (en)  
[origin: WO9927546A1] An electromagnetic device comprises at least one magnetic circuit (1) and at least one electric circuit (2, 3) comprising at least one winding (4, 5). The magnetic and electric circuits are inductively coupled to each other. The device comprises a control arrangement (7) to control operation of the device. This control arrangement is adapted to control frequency, amplitude and/or phase as concerns electric power to/from the device by the control arrangement comprising means (9) controlling the magnetic flux in the magnetic circuit.

IPC 1-7  
**H01F 27/32**; H02K 3/30

IPC 8 full level  
**H01F 27/28** (2006.01); **H01F 27/32** (2006.01); **H01F 29/14** (2006.01); **H02K 3/40** (2006.01)

CPC (source: EP KR)  
**H01F 27/32** (2013.01 - KR); **H01F 27/323** (2013.01 - EP); **H01F 29/14** (2013.01 - EP); **H02K 3/40** (2013.01 - EP); **H01F 2029/143** (2013.01 - EP); **H02K 2203/15** (2013.01 - EP)

Citation (search report)  
See references of WO 9927546A1

Designated contracting state (EPC)  
AT BE CH DE DK ES FI FR GB GR IE IT LI NL PT

DOCDB simple family (publication)  
**WO 9927546 A1 19990603**; AP 2000001822 A0 20000630; AU 9291698 A 19990615; BR 9815037 A 20001003; CA 2309733 A1 19990603; CN 1279814 A 20010110; EA 002309 B1 20020228; EA 200000572 A1 20001030; EP 1034546 A1 20000913; JP 2001524748 A 20011204; KR 20010031962 A 20010416; OA 11417 A 20040420; PL 340732 A1 20010226; SE 510925 C2 19990712; SE 9704392 D0 19971126; SE 9704392 L 19990527; TR 200001524 T2 20001121; TW 463187 B 20011111; UA 51823 C2 20021216; ZA 9810822 B 19990531

DOCDB simple family (application)  
**SE 9801733 W 19980929**; AP 2000001822 A 19980929; AU 9291698 A 19980929; BR 9815037 A 19980929; CA 2309733 A 19980929; CN 98811505 A 19980929; EA 200000572 A 19980929; EP 98945740 A 19980929; JP 2000522598 A 19980929; KR 20007005071 A 20000510; OA 1200000154 A 20000524; PL 34073298 A 19980929; SE 9704392 A 19971126; TR 200001524 T 19980929; TW 88104658 A 19990324; UA 00052981 A 19980929; ZA 9810822 A 19981126