

Title (en)  
INDUCTIVE CHARGE CONTROL DEVICE

Title (de)  
VORRICHTUNG ZUM STEUERUNG EINER INDUKTIVEN LAST

Title (fr)  
DISPOSITIF DE COMMANDE D'UNE CHARGE INDUCTIVE

Publication  
**EP 0909451 B1 20000614 (FR)**

Application  
**EP 97921876 A 19970424**

Priority  
• FR 9700733 W 19970424  
• FR 9605404 A 19960425

Abstract (en)  
[origin: WO9740509A1] Device for controlling an inductive charge, particularly, of an electromagnetic coil, comprising a chopper switch in series with the coil and governed by a pulse width modulator, and an opening switch which is also mounted in series with the coil. A transformer converter (20) has two secondary windings, of which one is connected to the modulator (11) and the other one is connected to the grid of the opening transistor (T2) via a switch (25) biased by the opening signal.

IPC 1-7  
**H01H 47/32**; **H01F 7/18**

IPC 8 full level  
**H01F 7/20** (2006.01); **H01F 7/18** (2006.01); **H01H 47/32** (2006.01)

CPC (source: EP KR US)  
**H01F 7/1844** (2013.01 - EP US); **H01H 47/32** (2013.01 - KR); **H01H 47/325** (2013.01 - EP US); **H01F 7/1811** (2013.01 - EP US); **H01F 2007/1888** (2013.01 - EP US)

Designated contracting state (EPC)  
BE DE ES FR GB IT SE

DOCDB simple family (publication)  
**WO 9740509 A1 19971030**; AU 2778397 A 19971112; AU 722585 B2 20000810; BR 9709185 A 19990810; CA 2252622 A1 19971030; CN 1216632 A 19990512; CZ 341498 A3 19990217; DE 69702314 D1 20000720; DE 69702314 T2 20001214; EP 0909451 A1 19990421; EP 0909451 B1 20000614; ES 2147447 T3 20000901; FR 2748167 A1 19971031; FR 2748167 B1 19980605; JP 2000509201 A 20000718; KR 20000010556 A 20000215; PL 329524 A1 19990329; US 6031708 A 20000229

DOCDB simple family (application)  
**FR 9700733 W 19970424**; AU 2778397 A 19970424; BR 9709185 A 19970424; CA 2252622 A 19970424; CN 97194039 A 19970424; CZ 341498 A 19970424; DE 69702314 T 19970424; EP 97921876 A 19970424; ES 97921876 T 19970424; FR 9605404 A 19960425; JP 53779897 A 19970424; KR 19980708407 A 19981020; PL 32952497 A 19970424; US 14717798 A 19981023