

Title (en)

METHOD FOR EFFECTING AN ELECTRONIC DRIVE CONTROL

Title (de)

VERFAHREN ZUR ELEKTRONISCHEN ANTRIEBSSTEUERUNG

Title (fr)

PROCEDE DE COMMANDE ELECTRONIQUE D'ENTRAINEMENT

Publication

EP 1198813 B1 20030604 (DE)

Application

EP 00954514 A 20000715

Priority

- DE 19935043 A 19990726
- EP 0006773 W 20000715

Abstract (en)

[origin: US6661635B1] An electronic drive control used for controlling a drive coil of a contactor during holding operation with a pulse-width modulation. The interval time for the pulse-width modulation is temporally changed or the pulse-width ratio is continuously changed. The invention may minimize the holding power in the case of high voltages without the occurrence of problems associated with EMC and without reducing the functional reliability.

IPC 1-7

H01H 47/32

IPC 8 full level

H01H 47/04 (2006.01); **H01H 47/32** (2006.01)

CPC (source: EP US)

H01H 47/325 (2013.01 - EP US)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

US 6661635 B1 20031209; AT E242542 T1 20030615; AU 6694200 A 20010213; CN 1233092 C 20051221; CN 1360730 A 20020724;
DE 19935043 A1 20010201; DE 19935043 B4 20051201; EP 1198813 A1 20020424; EP 1198813 B1 20030604; ES 2200910 T3 20040316;
JP 2003505842 A 20030212; WO 0108188 A1 20010201

DOCDB simple family (application)

US 4811102 A 20020125; AT 00954514 T 20000715; AU 6694200 A 20000715; CN 00810285 A 20000715; DE 19935043 A 19990726;
EP 0006773 W 20000715; EP 00954514 A 20000715; ES 00954514 T 20000715; JP 2001512609 A 20000715