

Title (en)

Control device for an electromagnet, with detection of accidental movement of the movable core of the electromagnet

Title (de)

Einrichtung zur Steuerung eines Elektromagneten, mit Erfassung von unbeabsichtigtem Bewegen des beweglichen Kerns eines Elektromagneten

Title (fr)

Dispositif de commande d'un électro-aimant, avec détection d'un déplacement intempestif du noyau mobile de l'électro-aimant

Publication

EP 1009004 B1 20040107 (FR)

Application

EP 99410161 A 19991116

Priority

FR 9815554 A 19981207

Abstract (en)

[origin: EP1009004A1] The electromagnet command activates a moving hub with an active call phase, during which a call current is received and a maintenance phase during which a lower maintenance current is sent out. The command mechanism can detect sudden hub movement during the maintenance phase as a function of current value (1b) circulating in the coil by finding the current value above a set level (lcm). If the level is exceeded, then the command passes to the call phase passing a much larger current level.

IPC 1-7

H01H 47/00

IPC 8 full level

H01H 47/00 (2006.01); **H01H 47/32** (2006.01)

CPC (source: EP US)

H01H 47/002 (2013.01 - EP US); **H01H 47/325** (2013.01 - EP US); **H01H 2047/006** (2013.01 - EP US)

Cited by

KR100884436B1; EP2200055A1; FR2940509A1; EP2466607A1; EP2019396A1

Designated contracting state (EPC)

DE GB IT

DOCDB simple family (publication)

EP 1009004 A1 20000614; **EP 1009004 B1 20040107**; DE 69914053 D1 20040212; DE 69914053 T2 20041014; FR 2786915 A1 20000609; FR 2786915 B1 20010112; US 6317308 B1 20011113

DOCDB simple family (application)

EP 99410161 A 19991116; DE 69914053 T 19991116; FR 9815554 A 19981207; US 44773399 A 19991123