Title (en)

ENERGY CONTROL DEVICE

Title (de)

ENERGIESTEUERGERÄT

Title (fr)

APPAREIL DE COMMANDE D'ENERGIE

Publication

EP 1614133 B1 20090225 (DE)

Application

EP 04726135 A 20040407

Priority

- EP 2004003707 W 20040407
- DE 10317277 A 20030411

Abstract (en)

[origin: US2006086594A1] An energy control device comprises a switching device and a control system. The switching device is provided with a switch contact adjacent to a counter-contact on one side and to a counter-stopper on the other side thereof. The counter-stopper is arranged on an springy arm which is made of a round steel spring-wire and has on one end thereof a spiral spring segment. The spiral spring segment makes it possible to mount the springy arm on an elongated supporting rod in such a way that it is displaceable in a longitudinal direction, thereby displaying a certain clearance. The springy arm is applied with the other end thereof to an eccentric disc, thereby making it possible to modify the position and consequently place of the counter-stopper.

IPC 8 full level

H01H 37/12 (2006.01); **H01H 37/26** (2006.01)

CPC (source: EP US)

H01H 37/12 (2013.01 - EP US); **H01H 37/26** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

HR

DOCDB simple family (publication)

US 2006086594 A1 20060427; AT E424035 T1 20090315; AU 2004227481 A1 20041021; CN 1774783 A 20060517; CN 1774783 B 20101110; DE 10317277 A1 20041021; DE 502004009044 D1 20090409; EP 1614133 A1 20060111; EP 1614133 B1 20090225; JP 2006523000 A 20061005; NZ 542723 A 20070531; WO 2004090923 A1 20041021; ZA 200507587 B 20060830

DOCDB simple family (application)

US 24701905 A 20051011; AT 04726135 T 20040407; AU 2004227481 A 20040407; CN 200480009709 A 20040407; DE 10317277 A 20030411; DE 502004009044 T 20040407; EP 04726135 A 20040407; EP 2004003707 W 20040407; JP 2006505041 A 20040407; NZ 54272304 A 20040407; ZA 200507587 A 20050920