

Title (en)

Electric switch gear, particularly for power control.

Title (de)

Elektro-Schaltgerät, insbesondere zur Leistungssteuerung.

Title (fr)

Appareil de commutation électrique, en particulier pour commande de puissance.

Publication

EP 0268098 B1 19940713 (DE)

Application

EP 87115387 A 19871021

Priority

DE 3639186 A 19861115

Abstract (en)

[origin: US4829279A] An electric switching device (1) in the form of a timed power control device with an appliance switch (6) operated by a heated thermobimetal (15) and in the form of a snap switch has an adjusting device (39) for modifying the distance between the opposite contact (36) and the counter-stop (37) for the movable switching contact (34), operated simultaneously with the setting of the different setting ranges of the switching device in such a way that in the low setting ranges the switching hysteresis of the appliance switch (6) is made smaller and in the higher setting ranges larger. Thus, in particular the smaller values of the relative switch on duration of the appliance switch (6) can be set much more accurately, so that there is a very precise power control in the low setting ranges.

IPC 1-7

H01H 37/22; **H05B 1/02**

IPC 8 full level

H01H 37/52 (2006.01); **H01H 37/22** (2006.01); **H05B 1/02** (2006.01); **H01H 37/12** (2006.01); **H01H 89/04** (2006.01)

CPC (source: EP US)

H01H 37/22 (2013.01 - EP US); **H01H 37/12** (2013.01 - EP US); **H01H 89/04** (2013.01 - EP US)

Cited by

EP0481355A3; EP0453121A1; AU727574B2; EP0898291A3

Designated contracting state (EPC)

AT CH DE ES FR GB GR IT LI SE

DOCDB simple family (publication)

EP 0268098 A2 19880525; **EP 0268098 A3 19891011**; **EP 0268098 B1 19940713**; AT E108573 T1 19940715; AU 598058 B2 19900614; AU 8119787 A 19880519; CA 1276959 C 19901127; DE 3639186 A1 19880526; DE 3750212 D1 19940818; ES 2056056 T3 19941001; JP 2631376 B2 19970716; JP S63141229 A 19880613; US 4829279 A 19890509; YU 205187 A 19900430

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