

Title (en)

METHOD AND DEVICE FOR CONTROLLING A RELAY

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ANSTEUERUNG EINES RELAIS

Title (fr)

PROCÉDÉ ET DISPOSITIF DE COMMANDE D'UN RELAIS

Publication

**EP 3855467 B1 20231018 (DE)**

Application

**EP 21152556 A 20210120**

Priority

DE 102020200944 A 20200127

Abstract (en)

[origin: US2021233722A1] In a method for controlling a relay with a relay contact, switching as an opening operation or a closing operation at the relay is temporally captured with respect to accurate opening or closing of the relay contact in comparison with a switching voltage zero crossing of a switching voltage to be switched. An actual switching time is determined and is corrected by means of further capturing of switching operations. A microcontroller is used for this purpose, and the signals can be digitally captured, that is to say at an A/D input.

IPC 8 full level

**H01H 9/56** (2006.01); **H01H 47/18** (2006.01)

CPC (source: EP US)

**H01H 9/56** (2013.01 - EP US); **H01H 47/18** (2013.01 - EP US); **H01H 2009/566** (2013.01 - EP US)

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