

Title (en)

CIRCUIT FOR A BISTABLE RELAY PRESENTING A MONOSTABLE SWITCHING BEHAVIOUR

Publication

EP 0190717 B1 19890503 (DE)

Application

EP 86101416 A 19860204

Priority

FR 8501909 A 19850205

Abstract (en)

[origin: EP0190717A1] 1. A circuit arrangement (10) having a differentiating stage (14) for the control of a bistable relay (9) which has a monostable switching characteristic and which in the working position lies in series with a polarity-reversal capacitor (12), which for the switching-off of the relay (9) is dischargeable by way of this, in which respect the polarity-reversal capacitor (12) lies in the bridge diagonal of a bridge circuit which is connected to a direct-voltage supply circuit (8), characterized in that the bridge circuit has in its parallel branches on the one hand a series connection of the relay (9) with a relay switch (20) and on the other hand a series connection of a working switch (13) with a switch-off switch (15) working complementarily to this, and a control signal transmitter (11) connected in parallel with the bridge circuit to the supply circuit (8) is provided, from which the working switch (13) or respectively the switch-off switch (15) are controllable and the relay switch (20) can be switched through transiently by way of the differentiating stage (14).

IPC 1-7

H01H 47/22

IPC 8 full level

H01H 47/22 (2006.01)

CPC (source: EP)

H01H 47/226 (2013.01)

Cited by

EP0384926A1; EP2383764A1; US8829892B2

Designated contracting state (EPC)

DE FR GB NL

DOCDB simple family (publication)

EP 0190717 A1 19860813; EP 0190717 B1 19890503; DE 3663212 D1 19890608; FR 2577070 A1 19860808; FR 2577070 B1 19880205; SG 74089 G 19900420

DOCDB simple family (application)

EP 86101416 A 19860204; DE 3663212 T 19860204; FR 8501909 A 19850205; SG 74089 A 19891116