

Title (en)

CIRCUIT CONFIGURATION FOR THE STARTER OF AN AUTOMOTIVE INTERNAL COMBUSTION ENGINE

Title (de)

SCHALTUNGSANORDNUNG FÜR EINEN STARTER EINES KRAFTFAHRZEUG-VERBRENNUNGSMOTORS

Title (fr)

CIRCUIT DESTINE AU DEMARREUR D'UN MOTEUR A COMBUSTION INTERNE D'UN VEHICULE

Publication

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Application

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Abstract (en)

[origin: WO0159294A1] The invention relates to a circuit configuration for the starter of an automotive internal combustion engine, said circuit configuration allowing the starter relay (4) to remain activated in the event of a short-term voltage dip (undervoltage of the battery). An integrated circuit memory (2) with a interlocking circuit (1) is interposed between a computer (19) and an output stage (3) that controls the starter relay (2). Upon undervoltage of the battery (20), said integrated circuit memory (2) maintains the status at a control input STEN during the voltage dip. A computer (19) that has gone back to a reset mode during the voltage dip is reactivated after termination of the voltage dip and controls the interlocking circuit (1) in such a manner that the starter relay (4) is continued to be controlled via the control input STEN. The integrated circuit memory is provided with an RC element in order to maintain a defined initial status of the flip-flop (14, 15) when the battery is re-connected.

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