

Title (en)

FEEDBACK-CONTROLLED IGNITOR ACTIVATION FOR AN AIR BAG OF A MOTOR VEHICLE

Title (de)

FEEDBACKGESTEUERTE ZÜNDPILLENAKTIVIERUNG FÜR EINEN GASSACK EINES KRAFTFAHRZEUGES

Title (fr)

ACTIVATION COMMANDEE PAR RETROACTION D'UNE PASTILLE D'ALLUMAGE DE L'AIRBAG D'UN VEHICULE A MOTEUR

Publication

EP 0844950 A1 19980603 (DE)

Application

EP 96928342 A 19960807

Priority

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- DE 19531899 A 19950830

Abstract (en)

[origin: DE19531899A1] An electronic device (1) has an acceleration values sensor (2) and a controller (3) connected to the sensor (2). The controller (3) drives switching elements (S1, S2) that form a series circuit that includes at least one ignitor (5). When the switching elements (S1, S2) are triggered, a current is applied to the ignitor (5). The current flows at the same time through the resistance (RM) mounted in series and at which a voltage drop results that is evaluated by a comparator (7). The clock ratio of the current drive is modified depending on the intensity of the current that flows through the ignitor (5).

IPC 1-7

B60R 21/32; H03K 17/082

IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

See references of WO 9708022A1

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