

Title (en)  
Control circuit for a vibrating membrane

Title (de)  
Schaltung zur Steuerung einer vibrierenden Membran

Title (fr)  
Circuit de commande d'une membrane vibrante

Publication  
**EP 0881623 B1 20030423 (FR)**

Application  
**EP 98410052 A 19980518**

Priority  
FR 9706497 A 19970522

Abstract (en)  
[origin: EP0881623A1] The circuit provides control for a vibrating membrane (M) which is excited by a solenoid (S) mounted in series with a continuous supply (E) and a control switch (SW). A capacitor (C ) is arranged across the terminals of a series circuit comprising the solenoid (S) and the switch (SW). A device is provided to open the switch (SW) close the point when the current in the inductance passes through zero. The controlled switch may consist of a thyristor connected between the first terminal (A) of the capacitor and the first terminal (B) of the solenoid. The gate of the thyristor is connected to the first capacitor terminal by a Zener diode, and to its cathode via a resistance (R1). The thyristor provides the mechanism whereby the opening occurs in the vicinity of the zero crossing of the current.

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**G10K 9/15**

IPC 8 full level  
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