

Title (en)

Supply circuit for an excitation coil of an electromagnet

Title (de)

Stromversorgungsschaltung für eine Erregerspule eines Elektromagneten

Title (fr)

Circuit d'alimentation d'une bobine d'excitation d'un électro-aimant

Publication

EP 0768683 B1 19990512 (FR)

Application

EP 96402114 A 19961004

Priority

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Abstract (en)

[origin: EP0768683A1] The feed circuit is to control a two winding (B1,B2) electromagnet. The electromagnet is either DC or provided with rectified AC input. The secondary coil (B2) is fed by a command transistor (T2) which is in turn fed by a switching circuit(10). The switching circuit has a voltage adaptor (11) connected from the first winding and measuring the voltage level. Below a threshold level, current flows through a feed transistor (T1) to a second transistor. Above the threshold, the current flow to the second winding is switched off.

IPC 1-7

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IPC 8 full level

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