

Title (en)  
CONTROL CIRCUIT FOR A RELAY

Title (de)  
ANSTEUERUNGSSCHALTUNG FÜR EIN RELAIS

Title (fr)  
CIRCUIT D'AMORÇAGE POUR RELAIS

Publication  
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Application  
**EP 06764171 A 20060714**

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Abstract (en)  
[origin: WO2007031356A1] The invention relates to relates to a control circuit for a relay. A coil (1) of the relay and a switch element (2) connected in series thereto are supplied by a first voltage source configured by a capacitor (4). Said capacitor (4) is connected to an AC voltage source via a charging connection configured from a first diode (5). The inventive control circuit also comprises an additional DC voltage source (U) which is connected in parallel to the first voltage source via a second diode (8). The current for maintaining the relay in the picked-up state is partially taken from the additional DC voltage source (U), thereby reducing the power taken from the first voltage source.

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