

Title (en)  
SEMICONDUCTOR SWITCH-ASSISTED ELECTROMECHANICAL RELAY

Title (de)  
ELEKTROMAGNETISCHES RELAISUNTERSTÜTZ FÜR DIE SCHALTUNG MIT EINEM HALBLEITER

Title (fr)  
RELAIS ELECTROMECHANIQUE ASSISTE A LA COMMUTATION PAR SEMI-CONDUCTEUR

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Application  
**EP 00929646 A 20000519**

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Abstract (en)  
[origin: WO0075947A1] The invention concerns an electromechanical relay comprising an electric contact (14) with mechanical displacement, a transistor (15) parallel on the electric contact, and means (10, 17, 20, 22, 32, 38) for: closing the contact (14) for a voltage V at its terminals corresponding to the transistor (15) direction of flow and producing a conduction of the transistor starting before the contact closure and ending after said closure; opening the contact for a current in the contact (14) corresponding to the transistor (15) direction of flow and producing a conduction of the transistor starting before the contact opening and ending after said opening. The invention is applicable to electromechanical switches, hybrid relays.

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