

Title (en)

CIRCUIT FOR DRIVING A CONTACTOR

Title (de)

SCHALTUNGSANORDNUNG ZUR ANSTEUERUNG EINES SCHÜTZES

Title (fr)

CIRCUIT DE PILOTAGE POUR UN CONTACTEUR-DISJONCTEUR

Publication

**EP 0811233 B1 19980812 (DE)**

Application

**EP 96902228 A 19960212**

Priority

- DE 9600221 W 19960212
- DE 29503146 U 19950224

Abstract (en)

[origin: WO9626528A1] The new circuit has a control circuit (34), in which a switching element (2) and a measurement resistance (3) are connected in series to the contactor coil (1). A pick-up current regulating circuit (24) taps the voltage at the measurement resistance (3) and controls the switching element (2) after comparing said voltage to a reference voltage. By connecting in parallel another shunt resistance (41) to the measurement resistance (2), a current that is approximately twenty times higher in the pick-up phase than in the holding phase may be achieved with a single predetermined reference voltage. The parallel connection is cut off during the holding phase, so that only the measurement resistance (2) remains in activity.

IPC 1-7

**H01H 47/10**

IPC 8 full level

**H01H 47/10** (2006.01); **H01H 47/32** (2006.01)

CPC (source: EP US)

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DOCDB simple family (publication)

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