

Title (en)

CIRCUIT ARRANGEMENT TO SUPPLY ENERGISING CURRENT TO AN ELECTROMAGNETIC RELAY

Publication

EP 0042997 B1 19840411 (DE)

Application

EP 81104315 A 19810604

Priority

DE 3024343 A 19800627

Abstract (en)

[origin: US4369482A] An electromagnetic relay adapted to be driven by a.c. voltage includes two windings formed by two wires wound together, each winding having its ends connected through diodes to a respective terminal of the a.c. voltage source. The diodes are connected to each terminal with opposite forward directions so that the magnetic fluxes generated by the two windings have the same direction irrespective of the polarity of the a.c. voltage. The capacity existing between the two windings acts as a reactance for limiting the exciting current without consuming active energy.

IPC 1-7

H01H 47/32; **H01H 51/30**; **H01H 50/44**

IPC 8 full level

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