

Title (en)

Magnetic sensor module for a ground fault circuit interrupter.

Title (de)

Baueinheit für magnetischen Sensor für einen Fehlerstromschutzschalter.

Title (fr)

Assemblage de détecteur magnétique pour un déclencheur par courant de défaut.

Publication

EP 0154171 A1 19850911 (EN)

Application

EP 85101121 A 19850204

Priority

US 57933784 A 19840213

Abstract (en)

The neutral excitation transformer and differential current transformer (15,16) of a ground fault circuit interrupter device are mounted on a common electrically insulated support having downwardly extending pins for inserting into the printed wire board (18) of the electronic signal processor circuit. A metal can electromagnetic shield having four prongs extending from its bottom end is mounted to the support by means of three of the prongs while the fourth prong is inserted within the printed wire board for electrical connection with the signal processor circuit.

IPC 1-7

H01H 71/12; **H01H 83/14**

IPC 8 full level

H01H 83/02 (2006.01); **H01F 38/30** (2006.01); **H01H 83/14** (2006.01)

CPC (source: EP)

H01F 38/30 (2013.01); **H01H 83/144** (2013.01)

Citation (search report)

- [YD] US 3950677 A 19760413 - KLEIN KEITH WILLIAM, et al
- [Y] DE 1285609 B 19681219 - BUSCH JAEGER DUERENER METALL
- [A] DE 1115819 B 19611026 - BUSCH JAEGER DUERENER METALL
- [A] DE 8011197 U1 19800717

Cited by

GB2179796B; EP0859395A3; EP0262430A1; US4794318A; FR2580862A1

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