

Title (en)  
Electronically controlled switching relay

Title (de)  
Elektronisch gesteuertes Schaltrelais

Title (fr)  
Relais de commutation à commande électronique

Publication  
**EP 0538968 B1 19960410 (DE)**

Application  
**EP 92250261 A 19920918**

Priority  
DE 4135455 A 19911024

Abstract (en)  
[origin: EP0538968A1] An electronically controlled switching relay is proposed which comprises a measuring circuit, a control circuit, a device for setting a preselectable value of a measured variable, which has a potentiometer and a display element dependent on the potentiometer, and a display device which is provided with a scale and a moving pointer. The control circuit converts the analog setting signal, output by the potentiometer, of the preselectable value of the measured variable via an A/D converter into a digital signal, and compares an instantaneous value, prescribed by the measuring circuit, of the measured variable with the set preselectable value and outputs a signal in the event of equality. The display device has a plurality of radiation sources which are in each case driven by the control circuit as a function of the instantaneous value in such a way that they simulate a moving pointer. <IMAGE>

IPC 1-7  
**G04G 15/00**

IPC 8 full level  
**G04G 15/00** (2006.01)

CPC (source: EP)  
**G04G 15/006** (2013.01)

Designated contracting state (EPC)  
AT CH DE DK FR GR IT LI NL

DOCDB simple family (publication)  
**EP 0538968 A1 19930428; EP 0538968 B1 19960410**; AT E136664 T1 19960415; DE 4135455 C1 19930408; DE 59205954 D1 19960515

DOCDB simple family (application)  
**EP 92250261 A 19920918**; AT 92250261 T 19920918; DE 4135455 A 19911024; DE 59205954 T 19920918