

Title (en)  
Earth leakage circuit breaker

Title (de)  
Fehlerstromschutzschalter

Title (fr)  
Disjoncteur à courant de défaut

Publication  
**EP 0548732 B1 19960501 (DE)**

Application  
**EP 92121254 A 19921214**

Priority  
DE 4142969 A 19911224

Abstract (en)  
[origin: EP0548732A2] A residual current device having at least one supply conductor and one return conductor which form the primary windings for a summing current transformer, its secondary winding emitting a signal if a fault current occurs in the supply and return conductors, which signal drives a trip device which unlatches the latching point of a latching mechanism, as a result of which contact points which are located in the supply and return conductors are opened, the trip device having an element consisting of electrostrictive material whose one end is held in a fixed position in the switch and whose other end, which deflects in the case of a signal, acts on the latching point. <IMAGE>

IPC 1-7  
**H01H 83/14**

IPC 8 full level  
**H01H 71/12** (2006.01); **H01H 83/14** (2006.01); **H01H 57/00** (2006.01)

CPC (source: EP)  
**H01H 71/127** (2013.01); **H01H 57/00** (2013.01); **H01H 71/12** (2013.01); **H01H 83/144** (2013.01)

Cited by  
DE102006018669A1; EP0902516A3; EP1014413A3; EP1008124A4; DE10340003B4; EP1241698A3; WO0250856A1; WO2005024879A1

Designated contracting state (EPC)  
AT BE CH DE DK ES FR IT LI NL PT

DOCDB simple family (publication)  
**EP 0548732 A2 19930630; EP 0548732 A3 19940126; EP 0548732 B1 19960501**; AT E137604 T1 19960515; DE 4142969 A1 19930701; DE 59206179 D1 19960605

DOCDB simple family (application)  
**EP 92121254 A 19921214**; AT 92121254 T 19921214; DE 4142969 A 19911224; DE 59206179 T 19921214