

Title (en)  
CIRCUIT BREAKER WITH AN ARC BLOW-OUT FIELD

Publication  
**EP 0143982 B1 19870527 (DE)**

Application  
**EP 84112941 A 19841026**

Priority  
DE 3339399 A 19831029

Abstract (en)  
[origin: US4614928A] An automatic switch wherein a movable switch lever bears a contact element which cooperates with a fixed contact element bonded to a ferromagnetic contact strip which serves to provide a compact arc-extinguishing device. The ferromagnetic metal strip is mounted on the side of the contact element and/or on the movable switch lever's contact element on the side(s) directed away from the electrical contact surface(s). The application of the metal strip, or "blow plate," substantially improves the process of conducting away contact arcs from the contact elements to a set of deionization plates mounted inside the switch assembly.

IPC 1-7  
**H01H 9/44**; **H01H 73/18**

IPC 8 full level  
**H01H 9/44** (2006.01); **H01H 73/18** (2006.01)

CPC (source: EP US)  
**H01H 9/44** (2013.01 - EP US); **H01H 73/18** (2013.01 - EP US)

Cited by  
EP0557621A1; EP0251160A3; EP0557620A1; TR27123A; EP0577586A1

Designated contracting state (EPC)  
FR GB IT

DOCDB simple family (publication)  
**EP 0143982 A1 19850612**; **EP 0143982 B1 19870527**; AU 3480384 A 19850502; AU 570739 B2 19880324; CA 1227826 A 19871006; DE 3339399 A1 19850509; DE 3339399 C2 19920730; US 4614928 A 19860930

DOCDB simple family (application)  
**EP 84112941 A 19841026**; AU 3480384 A 19841029; CA 466446 A 19841026; DE 3339399 A 19831029; US 66401284 A 19841023