

Title (en)

Current limiting circuit breaker with insulating barriers and baffles.

Title (de)

Strombegrenzungsschalter mit Isolierstegen und Ablenkplatten.

Title (fr)

Disjoncteur de limitation de courant muni de plaques-barrières isolantes et de déflecteurs.

Publication

EP 0128403 A2 19841219 (EN)

Application

EP 84105775 A 19840521

Priority

US 50237283 A 19830608

Abstract (en)

The invention relates to a circuit interrupter including an insulating housing and, disposed therein, several pole units each comprising a pair of cooperable contacts and a pair of terminals electrically interconnected through the contacts. At least the line terminals of the interrupter have disposed therebetween insulating barriers (49) which extend from the circuit interrupter housing a distance sufficient to prevent ionized gases at the terminals from intermixing before they have become sufficiently deionized to prevent conduction. This enables the circuit interrupter to operate at higher voltage levels.

IPC 1-7

H01H 71/02; **H01H 73/18**

IPC 8 full level

H01H 73/38 (2006.01); **H01H 9/00** (2006.01); **H01H 9/34** (2006.01)

CPC (source: EP KR)

H01H 9/0072 (2013.01 - EP); **H01H 9/342** (2013.01 - EP); **H01H 83/06** (2013.01 - KR)

Cited by

CN116206928A

Designated contracting state (EPC)

BE DE FR GB IT

DOCDB simple family (publication)

EP 0128403 A2 19841219; **EP 0128403 A3 19870715**; AU 2835584 A 19841213; BR 8402761 A 19850514; CA 1257636 A 19890718; ES 533205 A0 19850916; ES 8600563 A1 19850916; JP S609027 A 19850118; KR 850000760 A 19850309; ZA 843753 B 19841224

DOCDB simple family (application)

EP 84105775 A 19840521; AU 2835584 A 19840518; BR 8402761 A 19840607; CA 455577 A 19840531; ES 533205 A 19840607; JP 11895784 A 19840608; KR 840003204 A 19840608; ZA 843753 A 19840517