

Title (en)

AN IMPROVED ARC EXTINGUISHING DEVICE AND METHOD OF ASSEMBLING SAME.

Title (de)

VERBESSERTE LICHTBOGENLÖSCHEINRICHTUNG UND VERFAHREN ZU DEREN ZUSAMMENBAU.

Title (fr)

DISPOSITIF AMELIORE DE SUPPRESSION D'ARC ET METHODE D'ASSEMBLAGE DE CE DISPOSITIF.

Publication

**EP 0626096 A4 19950215 (EN)**

Application

**EP 94900620 A 19931112**

Priority

- US 9310967 W 19931112
- US 97607692 A 19921113

Abstract (en)

[origin: WO9411894A1] According to the present invention there is provided an arc extinguishing device (50) for disposition along a pre-determined path of movement between two electrical contacts (16, 18) in an electrical distribution device. The device (50) includes a generally U-shaped cradle member (54) made of a thermoplastic composition with at least one triad of slots (72, 74, 76). A U-shaped plate (78) is included for each triad of slots (72, 74, 76). Each plate (78) is retained in connection with the cradle member (54). The retaining means (92) is integrally formed with the cradle member (54). Suitable materials for the plate (78) include a magnetic metal and a conductive thermoplastic composition.

IPC 1-7

**H01H 33/08**

IPC 8 full level

**H01H 9/46** (2006.01); **H01H 9/36** (2006.01); **H01H 9/30** (2006.01); **H01H 9/34** (2006.01); **H01H 71/12** (2006.01)

CPC (source: EP)

**H01H 9/362** (2013.01); **H01H 9/302** (2013.01); **H01H 9/342** (2013.01); **H01H 71/121** (2013.01)

Citation (search report)

- [A] FR 2179815 A1 19731123 - LICENTIA GMBH [DE]
- [A] CH 531785 A 19721215 - WESTINGHOUSE ELECTRIC CORP [US]
- [A] FR 2613872 A1 19881014 - MERLIN GERIN [FR]
- See references of WO 9411894A1

Designated contracting state (EPC)

DE FR GB IE

DOCDB simple family (publication)

**WO 9411894 A1 19940526**; CA 2127786 A1 19940526; DE 69312270 D1 19970821; DE 69312270 T2 19980219; EP 0626096 A1 19941130; EP 0626096 A4 19950215; EP 0626096 B1 19970716; JP H07503099 A 19950330

DOCDB simple family (application)

**US 9310967 W 19931112**; CA 2127786 A 19931112; DE 69312270 T 19931112; EP 94900620 A 19931112; JP 51238393 A 19931112