

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

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Application

EP 94900620 A 19931112

Priority

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- 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.

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IPC 8 full level

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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)

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DOCDB simple family (publication)

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