

Title (en)

Circuit breaker with improved cross-bar and contact assembly.

Title (de)

Selbstschalter mit Querträger- und Kontaktanordnung.

Title (fr)

Disjoncteur avec assemblage d'une traverse et d'un contact.

Publication

**EP 0145990 A2 19850626 (EN)**

Application

**EP 84113997 A 19841120**

Priority

- US 56264783 A 19831219
- US 56264883 A 19831219

Abstract (en)

The invention relates to an electric circuit breaker having improved operating means with current-limiting capability. The operating means include an insulating cross-bar (84) pivotally supporting one contact (52) of each contact pair and having, at each pivotal connection (110) with a contact, a portion (270) defining a pocket (282) into which extends an end portion (284) of the associated contact, and in which are disposed restraining means (286, 288) cooperating with said end portion in such manner as to normally constrain the contact (52) to move together and in unison with the cross-bar (84), and to permit the contact to open independently of the cross-bar under the action of electrodynamic forces resulting from a high-level fault current flowing through the contacts. The cross-bar assembly is compact, requiring relatively little space, and at the same time provides reliable and fast contact operation.

IPC 1-7

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IPC 8 full level

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CPC (source: EP KR)

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Cited by

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