

Title (en)

Circuit breakers, and a method of increasing the breaking capacity of a circuit breaker.

Title (de)

Schalter und Verfahren zur Erhöhung der Ausschaltleistung eines Schalters.

Title (fr)

Disjoncteur et une méthode pour augmenter le pouvoir de coupure d'un disjoncteur.

Publication

EP 0248342 A2 19871209 (EN)

Application

EP 87107697 A 19870526

Priority

GB 8613263 A 19860531

Abstract (en)

A miniature circuit breaker of the kind comprising two arc runners (20, 22) which diverge towards an arc stack (24), onto which an arc is transferred as contacts of the circuit breaker are opened. A supplementary runner (30) is provided, onto which the arc is transferred from the first of said runners (20), so that the arc extends between the second (22) and the supplementary runner (30). The supplementary runner (30) is connected into the circuit through a high impedance, so that the rate of increase of arcing current is reduced as the arc travels into the arc stack.

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IPC 8 full level

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