

Title (en)

CIRCUIT BREAKERS, AND A METHOD OF INCREASING THE BREAKING CAPACITY OF A CIRCUIT BREAKER

Publication

**EP 0248342 A3 19881123 (EN)**

Application

**EP 87107697 A 19870526**

Priority

GB 8613263 A 19860531

Abstract (en)

[origin: EP0248342A2] 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.

IPC 1-7

**H01H 9/42**; H01H 9/46

IPC 8 full level

**H01H 9/42** (2006.01); **H01H 9/46** (2006.01)

CPC (source: EP)

**H01H 9/42** (2013.01); **H01H 9/465** (2013.01)

Citation (search report)

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**EP 0248342 A2 19871209**; **EP 0248342 A3 19881123**; DE 248342 T1 19880721; GB 2192096 A 19871231; GB 2192096 B 19891206; GB 8613263 D0 19860702; HK 19691 A 19910328; SG 91190 G 19910118; ZA 873795 B 19871124

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