

Title (en)
Electric full-protection circuit breaker.

Title (de)
Elektrischer Vollschutzschalter.

Title (fr)
Disjoncteur électrique de sécurité totale.

Publication
EP 0008026 A1 19800220 (DE)

Application
EP 79102570 A 19790720

Priority
DE 2834327 A 19780804

Abstract (en)
[origin: ES483045A1] An electrical full protection circuit breaker for interrupting a current circuit in response to an overload current, or a short circuit current, or in response to an earth leakage or fault current, includes the structural and functional combination of one or several single pole circuit breakers with an earth leakage current circuit breaker. Each circuit breaker has a narrow and compact structure and the same housing contour. The fault current circuit breaker member, which is coupled with one or more single pole circuit breakers, has its own contact interruption elements. Additionally, the fault current circuit breaker is provided in its outwardly located terminal connection zone with a freely accessible summing current transformer which is constructed as a bushing transformer.

Abstract (de)
Zur Bildung eines elektrischen Vollschutzschalters mit Überstrom-, Kurzschluß- und Fehlerstromauslösung werden ein oder mehrere einpolige Leitungsschutzschalterteile (1) schaltmechanisch mit einem Fehlerstromschutzschalter (2) in Schmalbauweise gekoppelt, wobei der letztere in sich über eine eigene Kontaktunterbrechungsstelle verfügt und in seinem Klemmanschlußbereich mit einem als Durchsteckwandler (12) ausgebildeten Summenstromwandler versehen ist.

IPC 1-7
H01H 83/20; **H01H 83/04**

IPC 8 full level
H01H 83/02 (2006.01); **H01H 83/04** (2006.01); **H01H 83/22** (2006.01); **H01H 71/10** (2006.01); **H01H 71/52** (2006.01)

CPC (source: EP US)
H01H 83/04 (2013.01 - EP US); **H01H 83/226** (2013.01 - EP US); **H01H 71/1018** (2013.01 - EP US); **H01H 71/526** (2013.01 - EP US); **H01H 2071/1036** (2013.01 - EP US)

Citation (search report)

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EP 0008026 A1 19800220; **EP 0008026 B1 19810415**; AR 224876 A1 19820129; BR 7905007 A 19800429; DE 2834327 A1 19800221; DE 2834327 C2 19830113; DK 328079 A 19800205; ES 483045 A1 19800416; FI 66096 B 19840430; FI 66096 C 19840810; FI 792407 A 19800205; GR 64885 B 19800606; HK 54981 A 19811120; IN 152622 B 19840225; IT 1122427 B 19860423; IT 7924921 A0 19790803; JP S5549832 A 19800410; NO 151725 B 19850211; NO 151725 C 19850522; NO 792532 L 19800205; PT 70018 A 19790901; US 4288768 A 19810908; YU 187479 A 19820630; YU 41657 B 19871231; ZA 794033 B 19800827

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