

Title (en)

ELECTRIC CIRCUIT BREAKER HAVING A DATA STORE

Title (de)

ELEKTRISCHER LEISTUNGSSCHALTER MIT EINEM INFORMATIONSSPEICHER

Title (fr)

INTERRUPTEUR ELECTRIQUE DE PUISSANCE COMPORTANT UNE MEMOIRE DE DONNEES

Publication

**EP 1118092 A1 20010725 (DE)**

Application

**EP 99959194 A 19990930**

Priority

- DE 9903240 W 19990930
- DE 19845799 A 19980930

Abstract (en)

[origin: DE19845799A1] The invention relates to an electric circuit breaker (1) which comprises an electronic overcurrent release (4) for processing a signal emitted by a current sensor (6). A flexible connecting lead (5) is provided to connect the current sensor (6) to the overcurrent release (4). A first component (10) of a two-part plug-and-socket device is provided at the end of said connecting lead, the second component (11) belonging to the overcurrent release (4). In the first component (10), resistors (12, 13, 14, 15, 16) are arranged between contact pins (17) in order to encode individual characteristic values or combinations of such characteristic values, such as rated current or class of breaking capacity.

IPC 1-7

**H01H 71/12**; **H01H 71/02**

IPC 8 full level

**H01H 83/02** (2006.01); **H01H 71/02** (2006.01); **H01H 71/12** (2006.01); **H01H 71/74** (2006.01)

CPC (source: EP US)

**H01H 71/123** (2013.01 - EP US); **H01H 71/0228** (2013.01 - EP US); **H01H 71/7409** (2013.01 - EP US); **H01H 2071/086** (2013.01 - EP US)

Citation (search report)

See references of WO 0019474A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**DE 19845799 A1 20000413**; DE 59901224 D1 20020516; EP 1118092 A1 20010725; EP 1118092 B1 20020410; JP 2002526887 A 20020820; US 6639775 B1 20031028; WO 0019474 A1 20000406

DOCDB simple family (application)

**DE 19845799 A 19980930**; DE 59901224 T 19990930; DE 9903240 W 19990930; EP 99959194 A 19990930; JP 2000572884 A 19990930; US 80645101 A 20010330