

Title (en)

Modular circuit breaker for DC

Title (de)

Moduläre Lastschalter für Gleichstrom

Title (fr)

Disjoncteur modulaire à courant continu

Publication

EP 0601941 B1 19970312 (FR)

Application

EP 93420480 A 19931206

Priority

FR 9215001 A 19921210

Abstract (en)

[origin: EP0601941A1] Set of modular electrical appliances which can be assembled together, including alternating current circuit breakers (1), in which all the electrical appliances can be mounted side-by-side. According to the invention, the set comprises at least one accessory (2) enclosing a means of magnetic field generation (7), the magnetic field (B) being propagated outside of the box (3) in such a way that, when an alternating current circuit breaker (1) and the said accessory (2) are mounted side-by-side, the magnetic field (B) transversely passes through an arc extinction chamber of the alternating current circuit breaker, so as to make it possible to have this circuit breaker operating on direct current. <IMAGE>

IPC 1-7

H01H 9/44; **H01H 71/02**

IPC 8 full level

H01H 9/44 (2006.01); **H01H 71/02** (2006.01); **H01H 33/59** (2006.01)

CPC (source: EP)

H01H 9/44 (2013.01); **H01H 9/443** (2013.01); **H01H 71/0228** (2013.01); **H01H 33/596** (2013.01); **H01H 2071/0278** (2013.01); **H01H 2071/0285** (2013.01)

Cited by

EP1998350A3; DE102007054958A1; AU767299B2; CZ300217B6; EP1081726A3; US7915985B2

Designated contracting state (EPC)

DE ES GB IT

DOCDB simple family (publication)

EP 0601941 A1 19940615; **EP 0601941 B1 19970312**; DE 69308772 D1 19970417; DE 69308772 T2 19971127; ES 2100505 T3 19970616; FR 2699322 A1 19940617; FR 2699322 B1 19950317

DOCDB simple family (application)

EP 93420480 A 19931206; DE 69308772 T 19931206; ES 93420480 T 19931206; FR 9215001 A 19921210