

Title (en)

Three-phase circuit breaker for high current with twin poles per phase, provided with compensation magnetic circuit

Title (de)

Drehstromschaltgerät mit kompensiertem Magnetkreis, insbesondere für Starkstrom mit zwei Polen pro Phase

Title (fr)

Appareillage de coupure triphasé de forte intensité à deux pôles jumelés par phase, muni de circuits magnétiques de compensation

Publication

EP 1107269 B1 20060823 (FR)

Application

EP 00410128 A 20001027

Priority

FR 9915238 A 19991203

Abstract (en)

[origin: EP1107269A1] The three phase electrical apparatus has six polar compartments in an isolating material unit. The unit is formed of contact pairs (42) connected electrically by a bridge (70). A second bridge connects adjacent phase poles. Each of the polar compartments has magnetic compensation circuits (82) placed between one of the two bridge connections.

IPC 8 full level

H01H 9/00 (2006.01); **H01H 9/40** (2006.01); **H01H 33/00** (2006.01); **H01H 33/59** (2006.01); **H01H 71/12** (2006.01); **H01H 73/20** (2006.01)

CPC (source: EP US)

H01H 9/0072 (2013.01 - EP US); **H01H 9/40** (2013.01 - EP US); **H01H 71/121** (2013.01 - EP US)

Cited by

US8912461B2; DE102008015437B3; DE102008015439B3; WO2009118119A1

Designated contracting state (EPC)

DE ES GB IT

DOCDB simple family (publication)

EP 1107269 A1 20010613; **EP 1107269 B1 20060823**; CN 1194361 C 20050323; CN 1299143 A 20010613; DE 60030237 D1 20061005; DE 60030237 T2 20071011; ES 2267481 T3 20070316; FR 2802017 A1 20010608; FR 2802017 B1 20040514; JP 2001176359 A 20010629; JP 4738589 B2 20110803; US 6337613 B1 20020108

DOCDB simple family (application)

EP 00410128 A 20001027; CN 00130913 A 20001120; DE 60030237 T 20001027; ES 00410128 T 20001027; FR 9915238 A 19991203; JP 2000356407 A 20001122; US 71628400 A 20001121