

Title (en)

CONTACT ASSEMBLY FOR A POWER CIRCUIT BREAKER WITH CURRENT-DEPENDENT BREAK

Publication

EP 0177437 B1 19891206 (DE)

Application

EP 85730126 A 19850917

Priority

US 65615084 A 19840928

Abstract (en)

[origin: US4594567A] A blow open contact arm assembly is provided for a molded case circuit breaker. A ferromagnetic carrier is attached to the movable contact arm and is positioned thereabout for creating a magnetic field about the movable contact arm which attracts the contact arm to the open position during severe fault conditions. The molded case housing has reinforced walls to withstand the pressures exerted on the walls of the houses during a blow open operation of the contacts.

IPC 1-7

H01H 77/10

IPC 8 full level

H01H 73/02 (2006.01); **H01H 77/10** (2006.01)

CPC (source: EP US)

H01H 77/104 (2013.01 - EP US)

Cited by

EP1912240A1; US7989721B2

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0177437 A2 19860409; EP 0177437 A3 19870819; EP 0177437 B1 19891206; CA 1241684 A 19880906; DE 3574649 D1 19900111; JP S6185742 A 19860501; US 4594567 A 19860610

DOCDB simple family (application)

EP 85730126 A 19850917; CA 489765 A 19850830; DE 3574649 T 19850917; JP 21444885 A 19850927; US 65615084 A 19840928