

Title (en)
CIRCUIT BREAKER CONTACT ASSEMBLY

Publication
EP 0296183 B1 19930203 (EN)

Application
EP 87907568 A 19871023

Priority
US 92257686 A 19861024

Abstract (en)
[origin: WO8803324A1] A circuit breaker (10) having a movable upper blade (16) with a free floating pivot end (46). The operating mechanism (34) is solidly connected to the upper blade (16). The contact force is generated by a contact spring (44) which exerts an upward force on the lower blade (26). As the contacts (18, 22) separate, the force exerted on the upper blade (16) is virtually eliminated, reducing substantially the resistance at the pivot end (46) of the upper blade (16). The load terminal (12) and pivot end (46) of the upper blade (16) provide a current path parallel to that of the load side flexible connector (15).

IPC 1-7
H01H 9/44; **H01H 33/18**; **H01H 75/00**; **H01H 83/00**

IPC 8 full level
H01H 9/44 (2006.01); **H01H 33/18** (2006.01); **H01H 73/04** (2006.01); **H01H 75/00** (2006.01); **H01H 83/00** (2006.01); **H01H 1/22** (2006.01)

CPC (source: EP)
H01H 73/04 (2013.01); **H01H 1/22** (2013.01)

Designated contracting state (EPC)
DE FR GB IT SE

DOCDB simple family (publication)
WO 8803324 A1 19880505; CA 1310046 C 19921110; DE 3784065 D1 19930318; DE 3784065 T2 19930715; EP 0296183 A1 19881228; EP 0296183 A4 19900226; EP 0296183 B1 19930203

DOCDB simple family (application)
US 8702830 W 19871023; CA 550113 A 19871023; DE 3784065 T 19871023; EP 87907568 A 19871023