

Title (en)

A DOUBLE-POLE CIRCUIT BREAKER FOR CIVIL RANGE ELECTRIC EQUIPMENT, INCORPORATING AN ARC CHANGE-OVER DEVICE

Publication

EP 0255992 B1 19930825 (EN)

Application

EP 87830216 A 19870609

Priority

IT 2274886 U 19860804

Abstract (en)

[origin: EP0255992A2] A double-pole circuit breaker (1) for enclosed boxes of civil range electric equipment has longer life and comprises, within a body (8), neutral (15) and protected (14) poles, moving (23,19) and fixed (22,18) contacts for each pole (15, 14), a diaphragm (3) in said body (8), two chambers (34,33) formed in said body (8) on opposed sides of the diaphragm (3) and being each adapted to accommodate a respective one of said moving contacts (23,19) for movement therein through a preset path (T) toward and away from a respective one of the fixed contacts (22,18), a throughgoing socket (35) in said diaphragm (3), and a metal crosspiece (37) having a middle portion inserted in said socket (35) and end portions (39,38) overhanging in said chambers (34,33) at a location facing said path (T).

IPC 1-7

H01H 73/18

IPC 8 full level

H01H 71/00 (2006.01); **H01H 73/18** (2006.01); **H01H 9/46** (2006.01); **H01H 71/12** (2006.01); **H01H 79/00** (2006.01)

CPC (source: EP)

H01H 71/002 (2013.01); **H01H 73/18** (2013.01); **H01H 9/465** (2013.01); **H01H 71/121** (2013.01); **H01H 79/00** (2013.01); **H01H 2071/0242** (2013.01)

Cited by

EP0403358A1; FR2648614A1; EP0780861A1; FR2742916A1; US5777286A; US7796369B2; WO2007130321A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR LI NL SE

DOCDB simple family (publication)

EP 0255992 A2 19880217; **EP 0255992 A3 19880921**; **EP 0255992 B1 19930825**; AT E93650 T1 19930915; BR 6701521 U 19880426; DE 3787136 D1 19930930; ES 2044973 T3 19940116; IT 207988 Z2 19880314; IT 8622748 V0 19860804

DOCDB simple family (application)

EP 87830216 A 19870609; AT 87830216 T 19870609; BR 6701521 U 19870803; DE 3787136 T 19870609; ES 87830216 T 19870609; IT 2274886 U 19860804