

Title (en)

LOW VOLTAGE MULTI-POLE POWER CIRCUIT BREAKER WITH SWITCH SHAFT SUPPORTING CONTACT ARMS

Publication

EP 0002686 B1 19811125 (DE)

Application

EP 78101560 A 19781204

Priority

DE 2757696 A 19771222

Abstract (en)

[origin: EP0002686A1] 1. A multipolar low voltage circuit breaker comprising contact arms and a switching shaft (14) which carries the contact arms and has a polygonal profile, said shaft being mounted in recesses (30) in the partition walls (22) of a casing of insulating material (2) and in inserts (35) which close these recesses, wherein there are arranged on the switching shaft (14), bearing bodies (23) having an opening (24) corresponding to the polygonal profile of the shaft (14), and having an outer bearing surface (25) and a collar (27) which projects beyond the bearing surface (25) and is associated with a recess of a respectively assigned partition and insert, characterized in that the bearing bodies (23) are axially displaceable on the switching shaft (14) and that each recess is formed as a slot (32, 37) which overlaps the single collar (27) present.

IPC 1-7

H01H 21/18; **H01H 9/48**

IPC 8 full level

H01H 73/02 (2006.01); **H01H 9/48** (2006.01); **H01H 21/18** (2006.01); **H01H 73/06** (2006.01)

CPC (source: EP)

H01H 9/48 (2013.01); **H01H 21/18** (2013.01); **H01H 2003/326** (2013.01); **H01H 2009/0088** (2013.01)

Cited by

EP0292850A3; GB2282265A; GB2282265B; WO0054297A1

Designated contracting state (EPC)

BE CH FR GB LU NL SE

DOCDB simple family (publication)

DE 2757696 B1 19781102; **DE 2757696 C2 19841004**; EP 0002686 A1 19790711; EP 0002686 B1 19811125; JP S5496779 A 19790731; JP S5821375 B2 19830428

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