

Title (en)

CONTACT ARRANGEMENT FOR LOW-VOLTAGE CIRCUIT BREAKERS WITH MAIN CONTACTS AND ARCING CONTACTS

Publication

EP 0222684 B1 19900117 (DE)

Application

EP 86730160 A 19861016

Priority

DE 3539673 A 19851106

Abstract (en)

[origin: US4720613A] A contact arrangement for low-voltage circuit breakers comprises a fixed and movable main contacts and fixed and movable burn-off contacts. With the burn-off contacts, arcing horns as well as an arc quenching chamber are associated. Upon heavy stress of the contact arrangement, partial arcs occurring at the main contacts are taken over by arc pieces and conducted to the arcing horns. Also in case of a larger number of main contacts, a relatively narrow arc quenching chamber can be used.

IPC 1-7

H01H 9/44

IPC 8 full level

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CPC (source: EP US)

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Cited by

EP0358288A3; US5013875A; EP1065684A1; FR2795858A1; CZ300188B6; WO8905036A1

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