Title (en)

CONTACT PIECE FOR AN ELECTRIC SWITCH APPARATUS, IN PARTICULAR FOR A PROTRECTIVE SWITCH

Publication

EP 0079977 B1 19860806 (DE)

Application

EP 81109823 A 19811121

Priority

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Abstract (en)

[origin: US4472613A] At the underside of a substantially U-shaped support or carrier formed of steel there is affixed an intermediate element or part formed of an electrically conductive material, for instance copper or a copper alloy. This intermediate element carries at its bottom face or surface two contact supports or members formed of a suitable material, for instance AgCdO. At the ends or end faces of the U-shaped support there are attached arc conducting elements formed of a ferromagnetic material, for instance steel. The arc conducting elements protrude away from the base portion of the U-shaped support in the direction of the contact supports and extend laterally thereof up to the region of their contact surfaces. The arcs arising during contact opening directly transfer or shift from the contact surfaces to the arc conducting elements, without the arc base points migrating laterally from the contact supports to their connection locations. The contact supports or members as well as their connection locations are thus protected against destruction by the arcs.

IPC 1-7

H01H 9/46; H01H 1/20

IPC 8 full level

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CPC (source: EP US)

H01H 1/20 (2013.01 - EP US); **H01H 9/46** (2013.01 - EP US)

Cited by

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