

Title (en)
Arc-chutes.

Title (de)
Lichtbogenlöscheinrichtungen.

Title (fr)
Dispositifs d'extinction d'arc.

Publication
EP 0048171 A1 19820324 (EN)

Application
EP 81304244 A 19810916

Priority
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Abstract (en)
An arc-chute for a D.C. circuit breaker in which arc runners extend up from the switch contacts to embrace the arc chute. This comprises a series of arc splitter plates insulated from each other, and open all around their edges which are coated with insulating ceramic to limit the spread of the arc. The open nature of the arc-chute provides very rapid decompression and cooling of the arc gases and hence a very much more compact chute and switch.

IPC 1-7
H01H 9/36

IPC 8 full level
H01H 33/18 (2006.01); **H01H 9/36** (2006.01)

CPC (source: EP)
H01H 9/36 (2013.01)

Citation (search report)

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DOCDB simple family (publication)
EP 0048171 A1 19820324; AU 7514881 A 19820325; BR 8105933 A 19820608; ES 505577 A0 19820616; ES 8205331 A1 19820616; GB 2084402 A 19820407; GB 2084402 B 19840502; JP S5787038 A 19820531; ZA 816273 B 19820825

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EP 81304244 A 19810916; AU 7514881 A 19810911; BR 8105933 A 19810916; ES 505577 A 19810917; GB 8120570 A 19810703; JP 15136381 A 19810917; ZA 816273 A 19810910