

Title (en)
AUTOMATIC CUT-OUT

Publication
EP 0255008 B1 19920129 (DE)

Application
EP 87110454 A 19870718

Priority
DE 3625425 A 19860728

Abstract (en)
[origin: EP0255008A1] An automatic cut-out has an additional arc loop in the region of the contact point (41) which is formed by an arc conducting rail (16, 33) and an additional conducting rail (31), which are connected to one another by means of rectangular connecting lines (35, 36, 37) which connect essentially laterally adjacent to the arc conducting rail and are located essentially in the region of the switched-off position of the moving contact piece (20). In this way, after opening of the contact point (41) and commutation of the base of the arc from the moving contact piece (20) to the arc conducting rail (33, 16) currents are made to flow in each case parallel and in the same direction with respect to one another both in the additional conducting rail (31) as well as in the arc conducting rail (33, 16), by which means it is achieved that the base of the arc is accelerated into an arc quenching plate stack. <IMAGE>

IPC 1-7
H01H 73/18

IPC 8 full level
H01H 73/18 (2006.01); **H01H 9/44** (2006.01)

CPC (source: EP)
H01H 73/18 (2013.01); **H01H 9/44** (2013.01)

Cited by
EP0649155A1; EP1548772A1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0255008 A1 19880203; EP 0255008 B1 19920129; AT E72362 T1 19920215; DE 3625425 A1 19880204; DE 3776449 D1 19920312

DOCDB simple family (application)
EP 87110454 A 19870718; AT 87110454 T 19870718; DE 3625425 A 19860728; DE 3776449 T 19870718