

Title (en)
Switch contact arrangement for a low voltage circuit breaker

Title (de)
Schaltkontakтанordnung eines Niederspannungs-Leistungsschalters

Title (fr)
Dispositif de contact pour un disjoncteur basse tension

Publication
EP 1298692 A3 20031015 (DE)

Application
EP 02090331 A 20020913

Priority
DE 10148947 A 20010928

Abstract (en)
[origin: DE10148947C1] The switch contact device has a movable contact carrier (10) with a bearing bolt (12) for parallel contact levers (11), spacers (20) between the latter having a peripheral support surface facing the contact carrier, cooperating with counter-surfaces (21) upon movement of the contact carrier as a result of a heavy current loading, for preventing deformation of the bearing bolt.

IPC 1-7
H01H 73/04; **H01H 1/22**

IPC 8 full level
H01H 1/22 (2006.01); **H01H 73/04** (2006.01)

CPC (source: EP)
H01H 1/226 (2013.01); **H01H 2001/228** (2013.01)

Citation (search report)
• [AD] DE 19629482 C1 19970911 - SIEMENS AG [DE]
• [A] DE 3539788 A1 19870514 - SIEMENS AG [DE]
• [A] US 5389906 A 19950214 - CASTONGUAY ROGER N [US], et al
• [A] US 5012053 A 19910430 - MURAI WASABURO [JP]
• [A] FR 1545113 A 19681108 - GEN ELECTRIC

Cited by
CN101908443A; FR3122944A1; WO2022238242A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

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DE 10148947 C1 20030213; DE 50201764 D1 20050120; EP 1298692 A2 20030402; EP 1298692 A3 20031015; EP 1298692 B1 20041215

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