

Title (en)
Contact arrangement for vacuum switch

Title (de)
Kontaktanordnung für eine Vakuumschaltkammer

Title (fr)
Agencement de contact pour interrupteur à vide

Publication
EP 0763841 A3 19980520 (DE)

Application
EP 96114428 A 19960910

Priority
DE 19534398 A 19950916

Abstract (en)
[origin: EP0763841A2] The contact arrangement has a fixed and a movable contact part with a contact carrier made of a good electrical conductor, e.g. copper, and a contact plate of a material resistant to burning off e.g. Cu-Cr, facing the other contact part. Each contact carrier (14) has a cylindrical section and an annular section (15,15a,15b) at the end near the contact part. The cylindrical section is connected to the annular section via two mutually coaxial radial straps (16,17). The cylindrical section is divided by an inclined slot (23) in the vicinity of the straps so that the current flows via one of the straps of the annular section to a protrusion which overlaps one of the straps in the switch-on direction and on which the contact plate (19) is attached.

IPC 1-7
H01H 33/66

IPC 8 full level
H01H 33/664 (2006.01)

CPC (source: EP)
H01H 33/6644 (2013.01)

Citation (search report)
• [X] EP 0082801 A1 19830629 - SIEMENS AG [DE]
• [X] EP 0186030 A1 19860702 - SIEMENS AG [DE]
• [A] DE 3401497 A1 19840809 - SLAMECKA ERNST
• [A] EP 0123475 A1 19841031 - WESTINGHOUSE ELECTRIC CORP [US]

Cited by
WO0141173A1

Designated contracting state (EPC)
DE FR GB NL

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EP 0763841 A2 19970319; EP 0763841 A3 19980520; DE 19534398 A1 19970320

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