

Title (en)

Disconnecting switch for high-voltage metal-enclosed switchgear.

Title (de)

Trennschalter für metallgekapelte Hochspannungsschaltanlagen.

Title (fr)

Sectionneur de poste blindé à haute tension.

Publication

EP 0040781 A1 19811202 (FR)

Application

EP 81103784 A 19810518

Priority

FR 8011510 A 19800523

Abstract (en)

1. A disconnecting switch for an armoured high voltage station under a coaxial metal sheath (1) which is filled with a pressurized dielectric gas, said disconnecting switch comprising a mobile contact (8) cooperating with a fixed contact (13, 14, 16), said contacts being carried each by a tubular fixed contact support (4, 10) which is coaxial with the sheath, the facing ends of the contact supports being furnished each with an essentially hemispheric discharge protection cap (6, 7) presenting a cylindrical neck (62, 72) turned inwards and destined for the passage of the associated contact, said mobile contact presenting a hemispheric tip (9), the fixed contact comprising a contact piece (13) providing limited movement and having a hemispheric tip (14) of the same diameter as the tip (9) of the mobile contact (8), characterized in that in the opening position, the end of the tip (14) of the contact piece (13) with limited movement is disposed between the border of the discharge protection cap (6) and the end (64) of the inscription circle of its hemispheric part (60).

Abstract (fr)

L'invention est relative à un sectionneur pour poste blindé sous enveloppe métallique coaxiale remplie de gaz diélectrique comprimé. Le sectionneur qui comprend un contact mobile coopérant avec un contact fixe, lesdits contacts étant portés chacun par un porte-contact tubulaire fixe coaxial avec l'enveloppe, les extrémités en regard des porte-contact étant munies d'un capot pare-effluves sensiblement hémisphérique présentant un col cylindrique rentrant destiné au passage du contact mobile, ledit contact mobile présentant un embout hémisphérique, est caractérisé en ce que les extrémités en regard des porte-contact (4, 10) sont munies d'un capots pare-effluves (7, 6) sensiblement hémisphérique présentant un col cylindrique (72, 62) rentrant destiné au passage du contact mobile (8). L'invention s'applique aux installations à haute tension.

IPC 1-7

H01H 33/24; H01H 31/32

IPC 8 full level

H01H 33/24 (2006.01)

CPC (source: EP)

H01H 33/24 (2013.01)

Citation (search report)

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