

Title (en)
ISOLATING SWITCH FOR A HIGH-TENSION GAS-INSULATED METAL-CLAD SWITCHGEAR

Publication
EP 0205397 B1 19890125 (DE)

Application
EP 86730091 A 19860606

Priority
DE 3521945 A 19850614

Abstract (en)
[origin: US4659886A] A disconnect switch, suitable for various conductor runs within a section of a metal-clad, gas-filled, high-voltage switchgear, with shielding bodies enclosing the ends of the conductors, is operated through a rotating insulator shaft that is perpendicular to the plane of the phase-current path of the section. One shielding body is made approximately in the shape of a sphere, whose center lies on the axis of the rotating insulator shaft and on the longitudinal axis of a movable switch contact. In the interior of the sphere there are one or more surfaces to accept a connecting means necessary for connection with the end of a first conductor. The mid-perpendiculars of each of the connection surfaces lie in the plane of the phase-current path. The isolating gap also lies in the path of an angled second conductor.

IPC 1-7
H01H 33/02; **H01H 31/32**

IPC 8 full level
H01H 31/02 (2006.01); **H01H 31/00** (2006.01); **H01H 31/32** (2006.01); **H01H 33/02** (2006.01); **H01H 33/64** (2006.01)

CPC (source: EP US)
H01H 31/32 (2013.01 - EP US); **H01H 33/022** (2013.01 - EP US)

Cited by
DE19540777A1; EP0856862A1; FR2758916A1

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EP 0205397 A1 19861217; **EP 0205397 B1 19890125**; BR 8602750 A 19870210; CA 1283152 C 19910416; DE 3521945 A1 19861218; DE 3661975 D1 19890302; JP H028409 B2 19900223; JP S61288328 A 19861218; SU 1477255 A3 19890430; UA 6013 A1 19941229; US 4659886 A 19870421

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EP 86730091 A 19860606; BR 8602750 A 19860612; CA 511499 A 19860613; DE 3521945 A 19850614; DE 3661975 T 19860606; JP 13471386 A 19860610; SU 4027535 A 19860528; UA 4027535 A 19860528; US 87165386 A 19860606