

Title (en)

HIGH-VOLTAGE POWER SWITCH WITH A FIELD ELECTRODE

Title (de)

HOCHSPANNUNGS-LEISTUNGSSCHALTER MIT EINER FELDELEKTRODE

Title (fr)

SECTIONNEUR DE PUISSANCE DE HAUTE TENSION AVEC UNE ELECTRODE DE CHAMP

Publication

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Application

EP 95902769 A 19941207

Priority

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- DE 4343786 A 19931217

Abstract (en)

[origin: US5728988A] PCT No. PCT/DE94/01501 Sec. 371 Date Sep. 24, 1996 Sec. 102(e) Date Sep. 24, 1996 PCT Filed Dec. 7, 1994 PCT Pub. No. WO95/17001 PCT Pub. Date Jun. 22, 1995 High-voltage power switch including a first and a second contact piece that form an air gap in the switched-off state, a compression piston that surrounds the first contact piece, a drivable compression cylinder that surrounds the second contact piece in the switched-on state, and a first field electrode that surrounds the second contact piece in the switched-off state and is axially movable in relation thereto. The high-voltage power switch also provides that the first field electrode is insulated from the compression cylinder and axially movable in relation thereto and the compression cylinder is displaced by a distance from the second contact piece in the switched-off state.

IPC 1-7

H01H 33/24

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