

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

**EP 0734580 A1 19961002 (DE)**

Application

**EP 95902769 A 19941207**

Priority

- DE 9401501 W 19941207
- 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, 1995High-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**

IPC 8 full level

**H01H 33/24** (2006.01); **H01H 33/915** (2006.01); **H01H 33/91** (2006.01)

CPC (source: EP US)

**H01H 33/245** (2013.01 - EP US); **H01H 33/91** (2013.01 - EP US)

Citation (search report)

See references of WO 9517001A1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

**US 5728988 A 19980317**; AT E168499 T1 19980815; CA 2179201 A1 19950622; DE 4343786 C1 19950223; DE 59406463 D1 19980820; EP 0734580 A1 19961002; EP 0734580 B1 19980715; WO 9517001 A1 19950622

DOCDB simple family (application)

**US 66324496 A 19960924**; AT 95902769 T 19941207; CA 2179201 A 19941207; DE 4343786 A 19931217; DE 59406463 T 19941207; DE 9401501 W 19941207; EP 95902769 A 19941207