

Title (en)
Gas discharge switch.

Title (de)
Gasentladungsschalter.

Title (fr)
Interrupteur à décharge dans un gaz.

Publication
EP 0337192 B1 19940720 (DE)

Application
EP 89105562 A 19890329

Priority
DE 3812018 A 19880411

Abstract (en)
[origin: EP0337192A1] The gas discharge switch contains at least two coaxial electrodes (2, 3) which are provided with coaxial holes (5, 6) and form a gas discharge path (10) in a central discharge region (11) and an insulation region (13) at their edges. According to the invention, the spacing D of the electrodes (2, 3) in the discharge region (11) is greater than the spacing d1 of the electrodes (2, 3) in the insulation region (13) in the axial direction of the electrodes (2, 3) on the inner edge of an annular-disc-shaped insulator (16) in which the electrodes (2, 3) are in each case connected to one of the flat sides of the insulator (16), and this spacing d1 is at least as large as the spacing d2 between the electrodes (2, 3) in a screening region (12), formed between the insulation region (13) (lacuna), in which means for screening the insulator (16) are provided. <IMAGE>

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H01J 17/38; H01J 17/40; H01J 17/50

IPC 8 full level
H01J 17/38 (2006.01); **H01J 17/40** (2006.01); **H01J 17/44** (2006.01); **H01J 17/50** (2006.01); **H01T 2/00** (2006.01)

CPC (source: EP US)
H01J 17/44 (2013.01 - EP US)

Cited by
US5229688A; US6049174A; EP0473814A1; US5146141A; DE10118210A1; EP0473813A1; DE10118210B4; WO9221171A1; WO9009673A1; WO9624945A1; EP0433480B1

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