

Title (en)

High-tension switch with a reduced driving energy.

Title (de)

Hochspannungsschalter mit geringer Antriebsenergie.

Title (fr)

Disjoncteur à haute tension à faible énergie de manoeuvre.

Publication

EP 0334181 B1 19940105 (FR)

Application

EP 89104558 A 19890315

Priority

FR 8803803 A 19880323

Abstract (en)

[origin: EP0334181A1] High-tension pressurised dielectric gas switch of the type including at least one cut-off chamber comprising an insulating surround filled with the said gas and inside which are placed an assembly comprising a stationary main contact (2) and a stationary arc contact (4), a movable assembly comprising in particular a movable main contact (7) and a movable arc contact (5), the cut-off chamber further comprising a snuffing cylinder opening into a snuffing nozzle and a pair of secondary contacts, characterised in that it includes first means (37, 38, 104) for limiting the maximum distance of separation of the secondary contacts to a value less than the maximum distance of separation of the arc contacts and second means (6C, 101) for preventing any sparking on triggering. <IMAGE>

IPC 1-7

H01H 33/70; **H01H 33/91**

IPC 8 full level

H01H 33/70 (2006.01); **H01H 33/90** (2006.01); **H01H 33/91** (2006.01); **H01H 33/915** (2006.01)

CPC (source: EP US)

H01H 33/7007 (2013.01 - EP US); **H01H 33/903** (2013.01 - EP US)

Citation (examination)

FR 2610763 A1 19880812 - ALSTHOM [FR]

Cited by

FR2691575A1; EP0554686A1; EP0779638A1; FR2742576A1; EP0456025A1; FR2661550A1; US5160818A; US6207918B1

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