

Title (en)
HIGH-VOLTAGE SWITCH.

Title (de)
HOCHSPANNUNGSSCHALTER.

Title (fr)
INTERRUPTEUR A HAUTE TENSION.

Publication
EP 0552169 A1 19930728 (DE)

Application
EP 91915511 A 19910906

Priority
DE 4032131 A 19901010

Abstract (en)
[origin: WO9207188A1] Proposed is a high-voltage switch (18) with light-sensitive zones, the switch being designed to conduct high voltages to spark plugs. In order to pass the light energy from the light-emitting element (20) to the light-sensitive zones of the switch (18) with minimum losses, the invention proposes that the transition area (21) between the light-emitting element and the light-sensitive zone have a light-focussing design.

Abstract (fr)
Il est proposé un interrupteur à haute tension (18) contenant des zones photosensibles, lequel transmet la haute tension aux bougies d'allumage. Afin de transmettre l'énergie lumineuse depuis l'élément émetteur de lumière (20) aux zones photosensibles de l'interrupteur à haute tension (18) avec le moins de pertes possibles, on propose une configuration focalisant la lumière dans la zone de transition (21) entre l'élément émetteur de lumière et la zone photosensible.

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IPC 8 full level
F02P 3/04 (2006.01); **F02P 7/03** (2006.01); **H03K 17/78** (2006.01)

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