

Title (en)  
Control switch and limiter.

Title (de)  
Kontroll- und Endschalter.

Title (fr)  
Interrupteur de contrôle et de fin de course.

Publication  
**EP 0122694 A1 19841024 (EN)**

Application  
**EP 84301039 A 19840217**

Priority  
HU 135083 A 19830419

Abstract (en)  
The invention relates to a control switch and limiter especially for use in an explosive environment, comprising an outer housing (1) made of insulating material, a switch chamber (19) in the outer housing (1) including switching means, an actuator (16) connected to and actuating the switching means, and a movable contact (3) changing its position between fixed contacts (2, 2a) in the said switching means for switching, wherein the improvement is that the actuator (16) comprises a magnetic element generating magnetic forces outside of the outer housing (1), and inside of the outer housing (1) an inner permanent magnet (8) is coupled with the magnetic element and said inner permanent magnet (8) is interconnected with an insulating body (7) guided for actuating the movable contact (3). The device according to the invention ensures higher life duration than the devices according to the art and may be used also in explosive or aggressive environment without the risk of breaking down or involving explosion.

IPC 1-7  
**H01H 36/00**

IPC 8 full level  
**H01H 13/18** (2006.01); **H01H 13/12** (2006.01); **H01H 36/00** (2006.01)

CPC (source: EP)  
**H01H 36/00** (2013.01)

Citation (search report)

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Designated contracting state (EPC)  
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0122694 A1 19841024**; JP S6035424 A 19850223

DOCDB simple family (application)  
**EP 84301039 A 19840217**; JP 7676484 A 19840418