

Title (en)  
SELF-HOLDING TYPE KEY SWITCH DEVICE

Publication  
**EP 0167636 B1 19871111 (EN)**

Application  
**EP 84105010 A 19840504**

Priority  
EP 84105010 A 19840504

Abstract (en)  
[origin: EP0167636A1] A key switch is equipped with a rotatable member or cylinder (3) adapted to be rotated by means of a key (4), a cam (5) adapted to rotate integrally with the rotatable cylinder (3), and a switch (2) adapted to be turned on or off by engagement with the peripheral side surface (5a) of the cam (5). In order to prevent the turned-on switch (2) from being rapidly returned to the turned-off condition owing to erroneous operation by an operator and to keep the switch (2) reliably in the turned-on condition, a pawl (6) is urged to be swivelled against the peripheral side surface (5a) of the cam (5) and engages with a tooth (7) formed on the peripheral side surface (5a) of the cam (5) when the switch (2) is turned on by rotation of the cam in normal direction, so that reverse rotation of the cam (5) is prevented and the switch (2) is kept turned on until the cam (5) is rotated in the normal direction by about 360 DEG .

IPC 1-7  
**H01H 27/06**

IPC 8 full level  
**H01H 19/28** (2006.01); **H01H 27/06** (2006.01)

CPC (source: EP)  
**H01H 19/28** (2013.01); **H01H 27/06** (2013.01)

Cited by  
GB2262196A

Designated contracting state (EPC)  
DE FR GB

DOCDB simple family (publication)  
**EP 0167636 A1 19860115; EP 0167636 B1 19871111; DE 3467464 D1 19871217**

DOCDB simple family (application)  
**EP 84105010 A 19840504; DE 3467464 T 19840504**