

Title (en)  
SWITCH UNIT WITH LATCHING POSITIONS

Publication  
**EP 0004544 B1 19810916 (DE)**

Application  
**EP 79100425 A 19790213**

Priority  
DE 2815493 A 19780410

Abstract (en)  
[origin: ES479394A1] A step control switch for variable speed electric motors and the like is provided in which several spring forces are utilized in various combinations in order to reduce the velocity of the thrust force of the control button in either increasing or decreasing the speed of the device being controlled. By utilizing a spring between the push button and the control body of the switch which is placed under an initial stress, and countering the force of that spring with several combinations of springs in the opposite direction, a smooth transition is achieved among the several positions of the switch.

IPC 1-7  
**H01H 13/64**

IPC 8 full level  
**H01H 13/64** (2006.01)

CPC (source: EP US)  
**H01H 13/64** (2013.01 - EP US)

Cited by  
DE3608569A1; EP0216962A1; GB2154797A; EP2192604B1

Designated contracting state (EPC)  
BE CH FR GB IT NL SE

DOCDB simple family (publication)  
**EP 0004544 A2 19791017; EP 0004544 A3 19791031; EP 0004544 B1 19810916**; AT 377119 B 19850211; AT A262779 A 19840615; DE 2815493 A1 19791018; DE 2815493 B2 19800508; DE 2815493 C3 19810122; DK 147079 A 19791011; ES 479394 A1 19800101; NO 148796 B 19830905; NO 148796 C 19831214; NO 791189 L 19791011; US 4233479 A 19801111

DOCDB simple family (application)  
**EP 79100425 A 19790213**; AT 262779 A 19790409; DE 2815493 A 19780410; DK 147079 A 19790409; ES 479394 A 19790406; NO 791189 A 19790409; US 2593379 A 19790402