

Title (en)  
Positioning device with switch

Title (de)  
Stellelement mit Schalter

Title (fr)  
Dispositif de positionnement avec interrupteur

Publication  
**EP 0854437 A3 20021113 (DE)**

Application  
**EP 97119487 A 19971107**

Priority  
• DE 19647148 A 19961114  
• DE 29710446 U 19970617

Abstract (en)  
[origin: EP0854437A2] The setting element (11) is fixed to the covering or base plate (13), supporting the hand (12) of the user and the handle, control column or joystick (14) extends upward, above the holder (15) for the pressure switches (16), also fixed to the base plate. The control column is located in the eccentric hole in the holder, providing inner space on one side for the operating parts of the switches. The switches can be microswitches, optoelectronic light gates, pressure sensors responding in a binary way or magnetic switches. The control column is worked by the thumb and the first finger of the hand and presses against sensor with very little actual movement.

IPC 1-7  
**G05G 9/047**; **G05G 1/20**

IPC 8 full level  
**G05G 9/047** (2006.01); **H01H 3/14** (2006.01); **H01H 25/04** (2006.01)

CPC (source: EP)  
**G05G 9/047** (2013.01); **G05G 2009/0474** (2013.01); **H01H 3/14** (2013.01); **H01H 25/04** (2013.01)

Citation (search report)  
• [X] GB 2193794 A 19880217 - BRITANNIA SOFTWARE LIMITED  
• [XA] US 4488017 A 19841211 - LEE HUGH M [US]  
• [X] DE 29515312 U1 19961002 - WERGEN GERHARD DIPL ING [DE]  
• [A] US 4367373 A 19830104 - MCDANIEL JOE W, et al  
• [A] FR 2332568 A1 19770617 - THEVENOT LOUIS [FR]

Cited by  
EP1297801A1; EP3069957A1; US6580414B1; FR3134310A1

Designated contracting state (EPC)  
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**EP 0854437 A2 19980722; EP 0854437 A3 20021113**

DOCDB simple family (application)  
**EP 97119487 A 19971107**