

Title (en)  
LIMIT SWITCH

Publication  
**EP 0061574 B1 19850522 (DE)**

Application  
**EP 82101122 A 19820216**

Priority  
DE 3112088 A 19810327

Abstract (en)  
[origin: US4459441A] Multiple limit switch comprising telescope plungers (16), each of which has a U-shaped anti-rotation element (62) engaging over the inner end of the plunger, this anti-rotation element comprising a hole (68) for the inner portion (44) of the plunger to pass through and forming an abutment for the plunger return spring (70). The outer portion (40) of the plunger has a collar (56; 56'), behind which projections (64) of the anti-rotation element (62) engage, this outer portion (40) having lateral flattened portions (58; 58') to secure the outer portion (40) of the plunger against relative rotation. The flattened portions abut against slide guide surfaces (60) of the anti-rotation element (62) or edges (64') of the latter. The anti-rotation element (62) is non-rotatably held in an inner groove (30) of the limit switch housing (10).

IPC 1-7  
**H01H 13/18**

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

CPC (source: EP US)  
**H01H 13/18** (2013.01 - EP US)

Cited by  
WO9944211A1

Designated contracting state (EPC)  
DE IT

DOCDB simple family (publication)  
**EP 0061574 A2 19821006; EP 0061574 A3 19830817; EP 0061574 B1 19850522**; DE 3112088 A1 19821014; DE 3263597 D1 19850627; DE 8108010 U1 19811022; JP S57172616 A 19821023; US 4459441 A 19840710

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**EP 82101122 A 19820216**; DE 3112088 A 19810327; DE 3263597 T 19820216; DE 8108010 U 19810327; JP 4645482 A 19820325; US 35926582 A 19820318