

Title (en)  
PUSH-BUTTON SWITCH

Title (de)  
DRUCKKNOPFSCHALTER

Title (fr)  
COMMUTATEUR À BOUTON-POUSOIR

Publication  
**EP 3439007 B1 20220323 (EN)**

Application  
**EP 17802927 A 20170526**

Priority  
• JP 2016106165 A 20160527  
• JP 2017019761 W 20170526

Abstract (en)  
[origin: EP3439007A1] To provide a push button switch that is capable of performing a two-stage input operation, that enables a pressing operation portion to be depressed without causing the pressing operation portion to interfere with other portions to achieve a smooth input operation, and that generates a desirable clicking sensation. A push button switch includes a plunger 2 including a first pusher portion 21 and a second pusher portion 22 that is apart from the first pusher portion 21; a first actuating portion 31 including a first body portion 311, a first skirt portion 312, and a first movable contact 314; and a second actuating portion 32 including a second body portion, a second skirt portion 322, and a second movable contact 324. When the plunger 2 is depressed by a distance A1, the second skirt portion 322 buckles and the second movable contact 324 comes into contact with a second circuit contact 43 on a circuit board 4 and the first pusher portion 21 comes into contact with the first body portion 311. When the plunger 2 is depressed by a distance B, the first skirt portion 312 buckles and the first movable contact 314 comes into contact with a second circuit contact 42.

IPC 8 full level  
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CPC (source: EP)  
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