

Title (en)
Pushbutton switch element for pushbutton switch structure

Title (de)
Tastschaltelement

Title (fr)
Élément interrupteur à bouton poussoir

Publication
EP 1235241 B1 20070530 (EN)

Application
EP 01301680 A 20010223

Priority
EP 01301680 A 20010223

Abstract (en)
[origin: EP1235241A1] A pushbutton switch element (1) for a pushbutton switch structure capable of generating a click in a multistage manner which is felt by a user and reducing sound generation during a pressing operation, as well as reducing generation of resonance sound. The pushbutton switch element includes a dome section (1e), a pushbutton section (1a) formed on an upper portion of a center of the dome section (1e), a central movable contact (1b) arranged so as to downwardly extend from a lower surface of the pushbutton section (1a), a substantially annular movable contact (1c) arranged so as to downwardly extend from the lower surface of the pushbutton section (1a) and surround the central movable contact (1b) while being spaced from the central movable contact (1b) at a predetermined interval, an inverted cup-like member (1d) adhesively attached to a distal end of the central movable contact (1b) and constructed so as to repeatedly carry out a flex operation between a flexed state and an original state restored from the flexed state while concurrently generating a click which is felt by a user. <IMAGE>

IPC 8 full level
H01H 13/48 (2006.01); **H01H 13/64** (2006.01)

CPC (source: EP)
H01H 13/48 (2013.01); **H01H 2203/044** (2013.01)

Cited by
CN112713035A; AU2018275855B2; WO2011116818A1; US8885864B2

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