

## Title (en)

Electrical apparatus involving a push-button for operating its mechanism

## Title (de)

Elektrisches Gerät und ein dazugehörender Druckknopf zur Betätigung seines Mechanismus

## Title (fr)

Appareil électrique faisant intervenir un poussoir pour la commande de son mécanisme

## Publication

**EP 0723279 A1 19960724 (FR)**

## Application

**EP 96400102 A 19960116**

## Priority

FR 9500438 A 19950117

## Abstract (en)

The appts. is for a pushbutton (12) movable in the axial direction which consists of a sleeve (12A) and a threaded rod (12B) which is urged out of it by the spring (44) bearing upon the hood of the mechanism (11). The cap (15) of the pushbutton is mounted movably on a plate (14) at least partially surrounding the support (13) to which the mechanism is fixed. The sleeve is immobilised against rotation and has an internal bore into which the rod is screwed. The threads are of large pitch equal to about 2.5 times the diameter of the rod, and have an isosceles trapezoidal profile with edges at an angle of about 100 degrees to each other.

## Abstract (fr)

Il s'agit d'un appareil électrique comportant un mécanisme (11) auquel il est associé, pour sa commande, un poussoir (12) globalement monté mobile axialement et formé de deux pièces en relation de vissage l'une avec l'autre, à savoir un manchon (12A) et une tige filetée (12B). Suivant l'invention, la tige filetée (12B) est soumise à des moyens élastiques de rappel (44) tendant en permanence à l'extraire du manchon (12A), et les filets (43) qu'elle comporte sont des filets à grand pas. Application, notamment, aux interrupteurs électroniques. <IMAGE>

## IPC 1-7

**H01H 23/14; H01H 13/14**

## IPC 8 full level

**H01H 23/14** (2006.01)

## CPC (source: EP)

**H01H 23/143** (2013.01)

## Citation (search report)

- [A] DE 7918527 U1 19790927
- [A] US 4933521 A 19900612 - STEWARD SR CURTIS L [US]
- [A] EP 0220566 A1 19870506 - BBC BROWN BOVERI & CIE [DE]
- [A] EP 0471317 A2 19920219 - ABB PATENT GMBH [DE]
- [A] DE 3600910 A1 19870716 - JUNG ALBRECHT FA [DE]
- [A] DE 3320817 A1 19841220 - BBC BROWN BOVERI & CIE [DE]

## Cited by

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## Designated contracting state (EPC)

AT BE DE ES IT

## DOCDB simple family (publication)

**EP 0723279 A1 19960724; EP 0723279 B1 20010829**; AT E205016 T1 20010915; DE 69614724 D1 20011004; DE 69614724 T2 20020307; ES 2159696 T3 20011016; FR 2729503 A1 19960719; FR 2729503 B1 19970328

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