

Title (en)

Fastening system for a pivoting key and apparatus using the same.

Title (de)

Befestigungssystem für eine Schwenktaste und dieses System verwendendes Gerät.

Title (fr)

Système de fixation d'une touche mobile autour d'un pivot et appareil l'utilisant.

Publication

EP 0418936 A1 19910327 (FR)

Application

EP 90201929 A 19900716

Priority

FR 8909885 A 19890721

Abstract (en)

[origin: JPH0359918A] PURPOSE: To accurately decide the position of a control button by forming a returning means with two side belt bodies contacted with a T part side wing. CONSTITUTION: A support body SU includes a flat T-shaped opening ET on its full thickness and four belt bodies L1, LC1, LC2 and L2 are provided in a control button TO. The belt bodies are disposed, specifically two each, that is, L1, LC1, LC2 and L2 are placed orthogonal to the flat surface SP of the control button, and these are made of elastic materials for providing certain flexibility to the fat surface SP of the control button. The support body also includes a hemicircular hollow part SP2 provided in the thickness thereof on the T-shaped leg part. The hollow part SP" is provided such that the two hemicircular elements, the hollow part SP and a stab SP1 form, when the control button is inserted into the support body, the pivot for the control button, the pivot and a catch BE forma control button holding means and a positioning means in a stop position after reaching a holding position. Thus, the control button is accurately positioned and mechanical noises and vibration are prevented.

Abstract (fr)

Une touche de commande TO mobile autour d'un pivot est fixée sur un support SU au moyen de 4 lamelles élastiques L1, LC1, LC2, L2 dont 2 sont reliées par un becquet BE qui s'encliquette après introduction dans l'ouverture ET du support. Deux éléments de formes hémisphériques SP1, SP2 coopèrent pour former le pivot. Application : Appareils audio, vidéo, notamment autoradio.

IPC 1-7

H01H 21/22

IPC 8 full level

H01H 21/00 (2006.01); **H01H 21/22** (2006.01)

CPC (source: EP US)

H01H 21/22 (2013.01 - EP US); **H01H 2221/044** (2013.01 - EP US)

Citation (search report)

- [A] DE 7624166 U1 19770127
- [A] US 4689455 A 19870825 - WATANABE TOSHIO [JP]
- [A] DE 2148804 B1 19730125 - GRUNDIG EMV
- [A] US 4387282 A 19830607 - LATASIEWICZ LEONARD

Cited by

FR2670948A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

FR 2650118 A1 19910125; FR 2650118 B1 19911011; DE 69018174 D1 19950504; DE 69018174 T2 19951102; EP 0418936 A1 19910327; EP 0418936 B1 19950329; JP H0359918 A 19910314; US 5117075 A 19920526

DOCDB simple family (application)

FR 8909885 A 19890721; DE 69018174 T 19900716; EP 90201929 A 19900716; JP 19085290 A 19900720; US 55811590 A 19900720