

Title (en)
Rotary control knobs.

Title (de)
Drehbare Steuerknöpfe.

Title (fr)
Boutons de commande rotatifs.

Publication
EP 0366445 A2 19900502 (EN)

Application
EP 89311001 A 19891025

Priority
GB 8825104 A 19881026

Abstract (en)
A flush rotary control knob for use with gas taps which include niting, comprises a pair of opposed generally cylindrical members 1,2 each having a plurality of axially disposed fingers 3 spaced around the circumference thereof, the fingers 3 of one of the members 1,2 intermeshing with the fingers 3 of the other of members 1,2, and a rotary member 4 disposed inside the fingers 3 and having a circumferential surface 6 adjacent a circumferential surface of the fingers 3. The rotary member 4 is provided with a continuous cam track 7 in its circumferential surface 6 and each of the fingers 3 is provided with a cam follower peg 8 which extends into the cam track 7. A compression spring 5 is provided to bias the opposed members 1,2 apart. Axial movement between the opposed members 1,2 causes the rotary member to rotate to retain the control knob in retracted and extended positions and also in an intermediate position which is used to overcome the niting of the gas tap.

IPC 1-7
F24C 3/12; **G05G 1/10**

IPC 8 full level
F24C 3/12 (2006.01); **G05G 1/08** (2006.01); **G05G 7/08** (2006.01)

CPC (source: EP)
F24C 3/12 (2013.01); **G05G 1/087** (2013.01); **G05G 7/08** (2013.01); **H01H 2003/085** (2013.01)

Cited by
EP1892602A1; US11157033B2; EP1376296A3; EP0797052A1; ES2060499A2; CN101799702A; EP2214187A3; US2021223812A1; US11507126B2; US6508144B1; EP0936643A3; US11630474B2; US8188386B2; WO2008039159A1; WO2019219561A1; WO2007008182A3; EP0927426B2

Designated contracting state (EPC)
DE FR IT

DOCDB simple family (publication)
EP 0366445 A2 19900502; **EP 0366445 A3 19900530**; GB 2225626 A 19900606; GB 2225626 B 19921125; GB 8825104 D0 19881130; GB 8924012 D0 19891213

DOCDB simple family (application)
EP 89311001 A 19891025; GB 8825104 A 19881026; GB 8924012 A 19891025