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54 **Rotary control knobs.**

57 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.

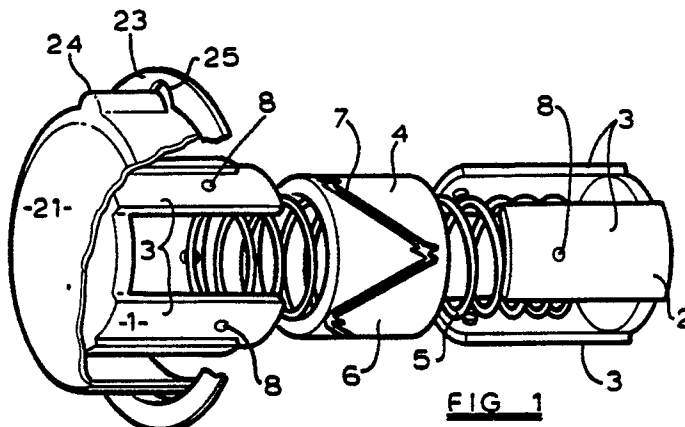


FIG 1

EP 0 366 445 A3



EP 89 31 1001

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
A	GB-A-2157800 (HOOVER) * page 2, line 125 - page 3, line 36; claims 1, 2; figures 3, 5-7 * ---	1, 13	G05G1/10 F24C3/12
A	DE-A-2250621 (STANDARD ELEKTRIK LORENZ) * page 4, paragraph 4 - page 5, paragraph 1; figures 1, 2 * ---	1, 14	
A	FR-A-2447060 (THOMSON-BRANDT) * the whole document * ---	1, 14	
A	DE-B-1140038 (VAILLANT) * column 2, line 38 - column 3, line 12; figures 2, 3 * -----	1	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			G05G F24C F16K
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 28 MARCH 1990	Examiner FLODSTROEM J.B.
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			