

Title (en)

Pressure spring for taps with adjustment screw

Title (de)

Druckfeder für Hähne mit Einstellschraube

Title (fr)

Ressort de pression pour robinets avec vis de réglage

Publication

**EP 1777457 A2 20070425 (EN)**

Application

**EP 06101209 A 20060202**

Priority

TR 200600048 A 20060105

Abstract (en)

A specifically designed spring (1), which is not fully conic and can be integrated fully into a gas tap system has been designed. In this spring (1) a definite fixed spire (16) and the following spires (17) have conic position that shall not go through each other and shall be of the same linear shape requested. The internal diameter of fixed spears (16) is greater than the largest diameter of the adjustment screw. The fixed spears (7) are smaller than the male internal diameter (22). In this way, it is replaced inside the male. The spears coming after the conic part (23) do not have any conic position and the external diameter is in a manner that can go inside the male (3). The internal diameter of the spring (24) is in a manner through which screwdriver can pass to adjust the adjustment screw. There is a  $2^\circ$  angle (15) with spring conic having been determined according to the I-I axis. This conic angle (15) has been designed in such a manner that the spring spires do not go through each other at this point and do not mount on the adjustment screw (2).

IPC 8 full level

**F23N 1/00** (2006.01); **F23K 5/00** (2006.01)

CPC (source: EP)

**F23K 5/00** (2013.01); **F23N 1/007** (2013.01); **F23K 2900/05001** (2013.01); **F23N 2235/16** (2020.01); **F23N 2235/24** (2020.01)

Citation (applicant)

EP 0969250 A1 20000105 - VITROMATIC COMERCIAL S A DE C [MX], et al

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

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