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(54) **Pressure spring for taps with adjustment screw**

(57) 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 mile (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 β 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).

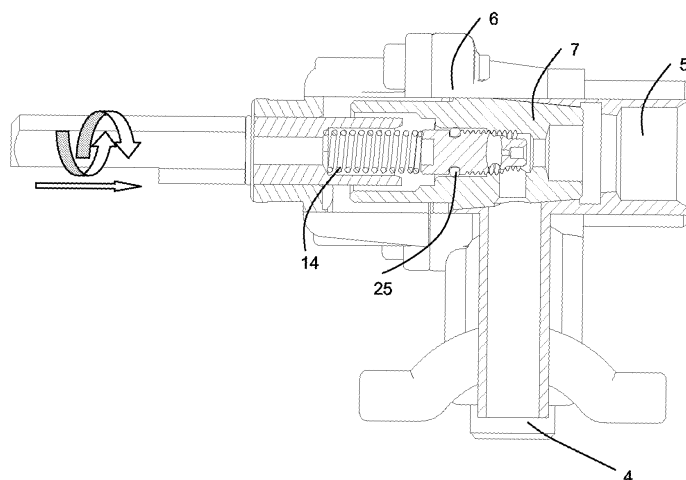


Figure 1

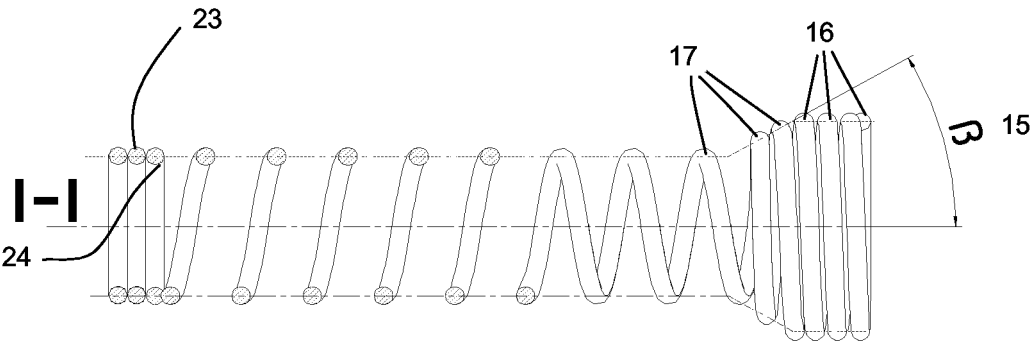


Figure 6



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 06 10 1209

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The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
The Hague		28 April 2008	Coli, Enrico
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			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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