

Title (en)

GAS COCK WITH A PIEZOELECTRIC SYSTEM, AND GAS HEATED APPARATUS HAVING SUCH A GAS COCK

Publication

**EP 0098231 B1 19851009 (FR)**

Application

**EP 83420101 A 19830614**

Priority

FR 8211034 A 19820617

Abstract (en)

[origin: EP0098231A1] 1. Gas cock coupled to a piezoelectric system, constituted by at least : the said cock (15) comprising a body, a rotary driving axis (14) with an operating button (17) at its free end, the said piezoelectric system comprising at least one case (1), a piezoelectric element (2) contained in the latter, a movable striker (3) in the case in relation to the piezoelectric element, an elastic means (5) arranged in the said case, the said system being actuated from its position of rest by charging the elastic means, then by projecting the striker against the piezoelectric element under the effect of the charged elastic means, an intermediate piece (13, 20) to actuate the piezoelectric system, mounted coaxially in relation to the rotary driving axis (14), between the body of the cock (15) and the operating button (17), comprising on its periphery at least one activating member (13a, 20a) of the piezoelectric system, a means (16, 17b, 20c) allowing the rotary driving axis (14) to be coupled in rotation to the intermediate actuating piece (13-20), in the direction of opening the cock, the piezoelectric system remaining at or returning to its position of rest, when the rotary driving axis is rotating in the direction of closing the cock, characterized in that it comprises a connection (9, 19, 51) which is independent of the body of the cock (15) and of the operating button (17), is free in rotation in relation to the rotary driving axis (14) and mounted at least in part between the said body and the said button, and connected to the piezoelectric system (8).

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**F23Q 3/00**

IPC 8 full level

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CPC (source: EP KR)

**F23Q 3/002** (2013.01 - EP); **F23Q 7/00** (2013.01 - KR)

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DOCDB simple family (application)

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