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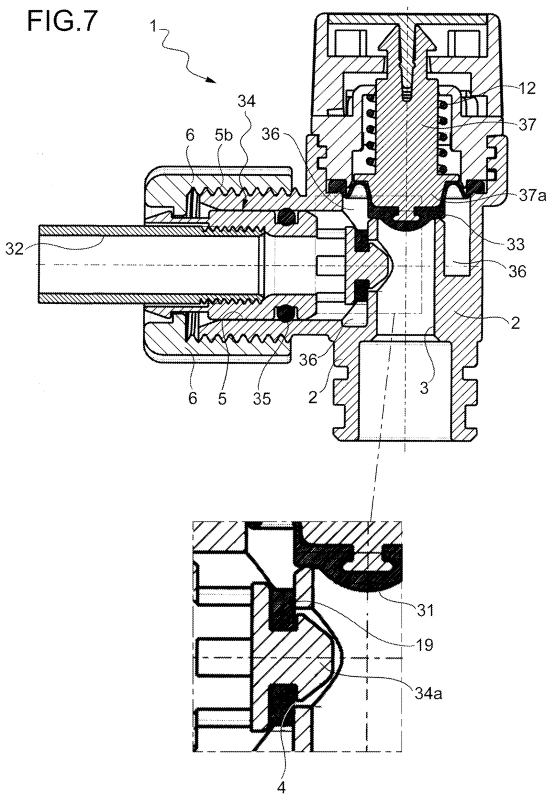
(54) **Drain cock with built-in pressure regulator, particularly for wall-mounted boilers and the like**

(57) The drain cock (1) comprises
a body (2) with a pipe (3) that leads to a valve seat (4),
a hand-actuated opening and closing member (6) screwed onto a formation (5b) on the body (2),
barrier members (15, 16, 19; 15, 16, 27; 19) connected to the opening and closing member (6) and able to act on the valve seat (4), in such a way that when said member (6) is, relative to the body (2), in a closed position and in an open position, respectively, these barrier members shut off and disengage from, respectively, the seat (4), preventing and permitting, respectively, communication between an upstream portion of the installation and a region downstream of the valve scat (4).

The drain cock (1) also comprises a moveable barrier (19; 16; 31) separated from the opening and closing member (6) and stressed by a spring (12) towards a shutoff position in which it is able, when this member (6) is in the closed position, to prevent the passage of liquid between the pipe (3) of the body (2) and a discharge passage (8b; 32).

The arrangement is such that said barrier (19; 16; 31) is able to move from the shutoff position, against the action of the spring (12), when the pressure of the fluid upstream of the seat (4) exceeds a predetermined value, to a position in which it allows fluid to be discharged from the portion of the installation upstream of the seat (4) to the discharge passage (8b; 32).

FIG.7



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EUROPEAN SEARCH REPORT

Application Number
EP 08 16 0018

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	BE 556 415 A (W. BUCHI) 26 February 1960 (1960-02-26) * page 2, last paragraph - page 6, paragraph 2; claims; figure 1 * -----	1-10	INV. F22B37/44 F22B37/50
X	US 2005/072156 A1 (TSUTSUI TOSHIHIRO [JP] ET AL) 7 April 2005 (2005-04-07) * paragraphs [0030], [0099]; claims; figure 7 * * abstract * -----	1-10	
X	US 2 906 289 A (FOX LOUIS A) 29 September 1959 (1959-09-29) * column 2, line 11 - column 4, line 44; claims 1,2; figures * -----	1-10	
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A	PERKO H-D ET AL: "SICHERHEITSEINRICHTUNGE FUER VERSCHIEDENE AUFGABEN IN KRAFTWERKEN", VGB KRAFTWERKSTECHNIK, VGB KRAFTWERKSTECHNIK GMBH. ESSEN, DE, vol. 75, no. 7, 1 July 1995 (1995-07-01), pages 597-602, XP000516390, ISSN: 0372-5715 * the whole document * -----	1-10	TECHNICAL FIELDS SEARCHED (IPC) F22B

The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
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CATEGORY OF CITED DOCUMENTS

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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82