

Title (en)
Sanitary fitting.

Title (de)
Sanitäre Armatur.

Title (fr)
Installation sanitaire.

Publication
EP 0455998 A1 19911113 (DE)

Application
EP 91105618 A 19910409

Priority
CH 155690 A 19900508

Abstract (en)
[origin: CA2041497A1] INVENTOR: ROLAND GLOOR INVENTION: SANITARY FITTING The fitting with the hose shower comprises a fitting housing at which there is arranged a laterally actuatable control cartridge. Downstream of the control cartridge, viewed with respect to the direction of water flow, there is provided a safety device arranged above the control cartridge. Under normal operating conditions, water flows from the control cartridge via the safety device to an outlet. Under conditions rendering possible a backflow, a backflow pre-enter of the safety device cuts off the flow path of water and a pipe aerator connects the outflow line or conduit via an aeration path with the environment. As a result, there is precluded a backflow of water into the supply or feed line.
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Abstract (de)
Die Armatur (10) mit der Schlauchbrause (12) weist ein Armaturgehäuse (14) auf, an dem eine von der Seite her bedienbare Steuerpatrone (16) angeordnet ist. Der Steuerpatrone (16) ist eine Sicherungseinrichtung (22) nachgeschaltet, die oberhalb der Steuerpatrone (16) angeordnet ist. Unter normalen Betriebsbedingungen fließt das Wasser von der Steuerpatrone (16) durch die Sicherungseinrichtung (22) zum Auslass (30). Unter einem Rückfluss ermöglichenden Bedingungen trennt der Rückflussverhinderer der Sicherungseinrichtung (22) den Strömungspfad (65) des Wassers auf und ein Rohrbelüfter verbindet die Auslassleitung (26) durch den Belüftungspfad (68) mit der Umgebung. Dadurch ist ein Zurückfließen von Wasser in die Speiseleitung (20) vermieden. <IMAGE>

IPC 1-7
E03C 1/04; **E03C 1/10**

IPC 8 full level
E03C 1/04 (2006.01); **E03C 1/10** (2006.01)

CPC (source: EP US)
E03C 1/104 (2013.01 - EP US); **E03C 1/108** (2013.01 - EP US); **Y10T 137/3331** (2015.04 - EP US); **Y10T 137/9464** (2015.04 - EP US)

Citation (search report)
• [AD] DE 3603503 A1 19870806 - GROHE ARMATUREN FRIEDRICH [DE]
• [A] DE 8813390 U1 19890105
• [A] US 3424188 A 19690128 - WHITAKER WATFORD C, et al

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WO02097202A1; EP0701028A1; EP0818585A3; DE10158000A1; DE10158000B4; CZ304628B6; DE10125981B4; DE10125981A1; BG65198B1; CZ304441B6; DE10125981C5; WO9319255A1; WO9633316A1; US7032618B2; WO03044288A1; US6913032B2

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