

Title (en)

INHIBITOR INJECTOR AND FILLING LOOP APPARATUS WITH REMOTE OPERATION FOR A HEATING SYSTEM

Title (de)

INHIBITORINJEKTOR UND FÜLLSCHLEIFENVORRICHTUNG MIT FERNBETRIEB FÜR EIN HEIZSYSTEM

Title (fr)

INJECTEUR D'INHIBITEUR ET APPAREIL À BOUCLE DE REMPLISSAGE À FONCTIONNEMENT À DISTANCE POUR UN SYSTÈME DE CHAUFFAGE

Publication

**EP 4244538 A1 20230920 (EN)**

Application

**EP 21815581 A 20211011**

Priority

- GB 202016151 A 20201012
- GB 202102500 A 20210222
- GB 2021052626 W 20211011

Abstract (en)

[origin: WO2022079421A1] A filling loop apparatus is provided to deliver a charge of water from a mains supply to a heating circuit in a space and/or water heating system. The filling loop incorporates an attended valve comprising a spool (6) which is arranged to deliver the charge of water from the mains when actuated but to provide an air gap through which water from the heating circuit will drain so that no water from the heating circuit can return to the mains supply. The filling loop apparatus has includes a canister (21) of inhibitor agent whereby inhibitor is injected into the charge of water whenever the heating circuit is charged, in proportion to the volume of water charge delivered. The apparatus has a remote actuator (117) connected to the attended valve whereby the attended valve can be actuated in response to a command from a remote control station communicating with the apparatus via a wide area network.

IPC 8 full level

**F24D 3/10** (2006.01); **C02F 1/68** (2023.01); **F24D 19/00** (2006.01)

CPC (source: EP GB)

**C02F 1/685** (2013.01 - GB); **C02F 1/687** (2013.01 - EP); **F24D 3/1083** (2013.01 - EP GB); **F24D 19/0092** (2013.01 - EP GB)

Citation (search report)

See references of WO 2022079421A1

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