

Title (en)
A COMPONENT FOR A FLOW HEATER

Title (de)
KOMPONENTE FÜR EINEN DURCHLAUFERHITZER

Title (fr)
COMPOSANT POUR CHAUFFAGE À ÉCOULEMENT

Publication
EP 3564598 B1 20210303 (EN)

Application
EP 19172050 A 20190430

Priority
DE 102018110448 A 20180502

Abstract (en)
[origin: EP3564598A2] A component for a flow heater, the component (10) comprising: a body (12) that defines a first fluid conduit (18) with a first aperture (20a; 20b; 20c; 20e), a cover (14) that defines a second aperture (38a; 38b), and at least one cap (32a, 32b) that is couplable to a flow heater inset (76, 80). The body (12), the cover (14) and the cap (32a, 32b) are connectable to form an assembled state. In the assembled state, the cover (14) is fluid tightly connected to the body (12) by a material connection and the cap (32a; 32b) is fluid tightly connected to the cover (14) in such a way that the first aperture (20a; 20b; 20c; 20e) and the second aperture (38a; 38b) are in at least partial registration with one another, and the cap (32a; 32b) and the body (12) define a second fluid conduit that comprises at least the first conduit (18), and, if the flow heater inset (76, 80) is coupled to the cap (32a; 32b), the flow heater inset (76, 80) is arrangeable at least in part in the first conduit (18).

IPC 8 full level
F24H 1/10 (2006.01); **F24H 9/18** (2006.01); **F28D 1/053** (2006.01); **F28F 9/02** (2006.01); **H05B 3/04** (2006.01); **H05B 3/78** (2006.01)

CPC (source: EP)
F24H 1/101 (2013.01); **F24H 1/102** (2013.01); **F24H 9/1818** (2013.01); **H05B 3/04** (2013.01); **H05B 3/78** (2013.01)

Cited by
FR3103029A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3564598 A2 20191106; EP 3564598 A3 20200108; EP 3564598 B1 20210303

DOCDB simple family (application)
EP 19172050 A 20190430