

Title (en)

A COMPONENT FOR A FLOW HEATER

Title (de)

KOMPONENTE FÜR EINEN DURCHLAUFERHITZER

Title (fr)

COMPOSANT POUR CHAUFFAGE À ÉCOULEMENT

Publication

EP 3564598 A3 20200108 (EN)

Application

EP 19172050 A 20190430

Priority

DE 102018110448 A 20180502

Abstract (en)

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)

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Citation (search report)

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- [X1] WO 2015183686 A1 20151203 - KELTECH INC [US]
- [X1] US 4185187 A 19800122 - ROGERS DAVID H [US]
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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

Designated extension state (EPC)

BA ME

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