

Title (en)

Heat exchanger with tap water duct, and heating device comprising such heat exchanger

Title (de)

Wärmetauscher mit Brauchwasserleitung, und Heizungsgerät mit einem solchen Wärmetauscher

Title (fr)

Echangeur de chaleur avec conduite d'eau sanitaire, et appareil de chauffage avec un tel échangeur de chaleur

Publication

EP 0747641 A3 19970618 (EN)

Application

EP 96201265 A 19960508

Priority

NL 1000319 A 19950508

Abstract (en)

[origin: EP0747641A2] A heat exchanger comprising a burner, a flue duct, a heating chamber with heat exchanging elements and at least one duct for feeding therethrough a medium to be heated, abutting at least partly against the heating chamber, wherein the heating chamber is bounded by at least a base plate, with the base plate carrying at least a part of the heat exchanging elements and being in contact with the medium-conveying duct which is incorporable into a space heating circuit, while on the side of the medium-conveying duct remote from the base plate, a water duct is arranged which is incorporable into a sanitary water circuit, the arrangement being such that water flowing in the water duct is heatable by heat exchange with at least medium in the medium-conveying duct. The side of the combustion chamber remote from the base plate is preferably covered by a hood. <IMAGE>

IPC 1-7

F24H 1/34; **F24H 1/52**

IPC 8 full level

F24H 1/34 (2006.01); **F24H 1/48** (2006.01)

CPC (source: EP)

F24H 1/34 (2013.01); **F24H 1/48** (2013.01)

Citation (search report)

- [X] NL 9202045 A 19940616 - INTERGAS B V
- [X] DE 4223799 A1 19940127 - STIEBEL ELTRON GMBH & CO KG [DE]
- [A] WO 9312389 A1 19930624 - CTS SRL [IT]
- [A] NL 8702303 A 19890417 - WETERING GEMEENSCHAPPELIJK BEZ

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