

Title (en)

Heat exchanger element and heating system provided with such heat exchanger element

Title (de)

Wärmetauscherelement und Heizanlage mit so einem Wärmetauscherelement

Title (fr)

Élément d'un échangeur de chaleur et système de chauffage avec un tel élément

Publication

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Application

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Priority

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Abstract (en)

[origin: EP1722172A1] The invention relates to a heat exchanger element intended for a central heating boiler, which heat exchanger element is designed as a monocasting from substantially aluminum, the heat exchanger element being provided with walls which bound a water-carrying channel, and with at least one wall which bounds at least one flue gas draft to which a burner can be connected, at least one wall which bounds the at least one flue gas draft being water-cooled in that it also forms a boundary of the water-carrying channel, while one said at least one water-cooled wall is provided with heat exchanging surface enlarging pins and/or fins which extend in the respective flue gas draft, wherein the cross-sectional surface of a said pin and/or fin is smaller than 25 mm². The invention also relates to a central heating boiler provided with such a heat exchanger element.

IPC 8 full level

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Citation (examination)

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Cited by

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