

Title (en)

Heat exchanger with optimized heat transfer elements

Title (de)

Wärmetauscher mit optimierten Wärmeübertragungselementen

Title (fr)

Echangeur de chaleur avec des éléments échangeur de chaleur optimisés

Publication

**EP 1703226 B1 20110727 (DE)**

Application

**EP 05112088 A 20051214**

Priority

DE 102005004740 A 20050202

Abstract (en)

[origin: DE102005004740B3] The heat exchanger has heat transfer elements for the transfer of heat from a combustion gas through a heat transmitting wall (11) to hot water flowing in passages on the outer side of the heating transmitting wall. The heat transmitting elements are formed on the inner side of the wall and extend into a hot gas flue (19). In one section of the hot gas flue at least one transversely lying heat transfer element (50) has a cross section which has a larger extent at right angles to the direction of flow of the exhaust gas than that parallel to it.

IPC 8 full level

**F24H 1/26** (2006.01); **F24H 9/00** (2006.01)

CPC (source: EP)

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