

Title (en)

HEAT EXCHANGER FOR COMMON USE FOR BOILER AND HOT WATER SUPPLY

Title (de)

WÄRMETAUSCHER ZUR GEMEINSAMEN VERWENDUNG FÜR KESSEL UND HEISSWASSERVERSORGUNG

Title (fr)

ÉCHANGEUR THERMIQUE DESTINÉ À UN USAGE COMMUN COMME CHAUDIÈRE ET COMME ALIMENTATION EN EAU CHAUDE

Publication

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Application

EP 05789794 A 20050319

Priority

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- KR 20040081928 A 20041013

Abstract (en)

[origin: WO2006041244A1] A heat exchanger for common use for both a boiler and a hot water supply is provided, which includes a plurality of inner plate members (110) having inner plate member grooves formed on either side of the upper end thereof, and a burner provided on the bottom surface thereof, to thereby perform a combustion chamber function; combustion heat fin tubes (120) formed of a number of heat exchange tubes on the outer circumferential surface of which transfer heat fins are formed; an insulation member (130) which is installed in an identical area along the inner walls of the inner plate members; and an independent heat exchanger body which is connected with the combustion heat fin tubes. Thus, a heat exchanger for a condensing or noncondensing gas boiler can be manufactured at low cost, through the common heat exchanger. Further, two kinds of heat exchangers can be manufactured through a single common heat exchanger to thereby make an additional process unnecessary.

IPC 8 full level

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CPC (source: EP KR US)

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