

Title (en)

Heat exchanger for hot water production with oil or gas burners.

Title (de)

Wärmetauscher zur Warmwassererzeugung mit Öl- oder Gasbrennern.

Title (fr)

Echangeur de chaleur pour la production d'eau chaude avec brûleurs à huile ou à gaz.

Publication

**EP 0497113 B1 19940601 (DE)**

Application

**EP 92100345 A 19920110**

Priority

DE 4102314 A 19910126

Abstract (en)

[origin: EP0497113A1] A heat exchanger for hot water production with oil or gas burners is described, in which pipe layers (13, 14) which are coiled conically in a two-layered manner are provided in a horizontal arrangement and in this connection the flame cone is introduced into the pipe-layer region from one side of the heat exchanger. In order to achieve a considerably longer service life of the heat exchanger with a higher degree of efficiency, it is envisaged that the connection between the inner pipe coil (13) and the outer pipe coil (14) is made via a plate (18) of worm-type design which has in the centre a through-bore, via which the inner pipe coil (13) is connected to the outer pipe coil (14) in a liquid-tight manner. <IMAGE>

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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**EP 0497113 A1 19920805; EP 0497113 B1 19940601**; AT E106535 T1 19940615; DE 4102314 A1 19920806; DE 59200184 D1 19940707; DK 0497113 T3 19940926; ES 2055619 T3 19940816

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