

Title (en)
WATER HEATER AND WATER HEATER COMPONENT CONSTRUCTION

Title (de)
WASSERERHITZER UND WASSERERHITZERBAUTEIL

Title (fr)
CHAUFFE-EAU ET FABRICATION DE COMPOSANTS DE CHAUFFE-EAU

Publication
EP 1285203 A4 20060621 (EN)

Application
EP 99966763 A 19991214

Priority
AU 9901106 W 19991214

Abstract (en)
[origin: WO0144727A1] A water jacket assembly (50) for an instantaneous gas fired water heater (10), the assembly including pressed profiled plates (51) made of copper or copper coated steel, one plate being the inverted image of the other, said plates being placed together in pairs, the pairs of plates being arranged in a parallel array to form a heat exchanger, the heat exchanger being bordered by a water jacket (52) comprising overlapping side and end panels of copper or copper coated steel attached to the array of plates, the assembly (52) being fused together to define a combustion chamber (50A) with discrete combusted gases and water passages within said assembly.

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CPC (source: EP KR)
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Citation (search report)

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- [X] US 5111878 A 19920512 - KADLE PRASAD S [US]
- See references of WO 0144727A1

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WO 0144727 A1 20010621; CN 1398337 A 20030219; EP 1285203 A1 20030226; EP 1285203 A4 20060621; JP 2003517559 A 20030527; KR 20020070992 A 20020911

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