

Title (en)

COMPACT WATER/WATER HEAT PUMP CORE, AND HEAT PUMP COMPRISING SAME

Title (de)

KOMPAKTER WASSER-/WASSERWÄRMEPUMPENKERN UND WÄRMEPUMPE DAMIT

Title (fr)

COEUR DE POMPE A CHALEUR COMPACT DE TYPE EAU/EAU, ET POMPE A CHALEUR COMPORTANT UN TEL COEUR DE POMPE

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Application

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Priority

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Abstract (en)

[origin: WO2006005832A1] The invention concerns an assembly comprising a compressor unit (10), inlets (23) and outlets (24) to a heat collecting network, inlets (33) and outlets (34) to a heat return network, and two heat exchangers (20, 30) coupled to the compressor unit and to the inlets and outlets. The link tubes (21, 22, 31, 32) between the heat exchangers and the compressor unit, and/or the link tubes (25, 26, 35 36) between the heat exchangers and the heat collecting and return networks are non-brazed link tubes, formed with welded, in particular by orbital TIG welding, stainless steel tubes. The whole assembly is enclosed in a insulating sealed confinement chamber (40) comprising a support base (41) and a cover (42) welded together.

IPC 8 full level

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