

Title (en)

CONDENSER-TYPE WELDED-PLATE HEAT EXCHANGER

Title (de)

KONDENSATORARTIGER SCHWEISSSCHEIBEN-WÄRMETAUSCHER

Title (fr)

ECHANGEUR THERMIQUE A PLAQUES SOUDEES, DU TYPE CONDENSEUR

Publication

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Application

EP 06778968 A 20060623

Priority

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Abstract (en)

[origin: WO2007003838A2] The invention relates to a condenser-type heat exchanger (1) comprising a set of welded plates which define interpenetrating fluid circuits therebetween. According to the invention, the exchanger is characterised in that it comprises: at least two welded plate modules (52, 53) which are each equipped with an independent refrigerant circuit (CF₁, CF₂), whereby fluid CF₂ is preferably colder than fluid CF₁; and a connecting chamber (66) which connects two modules in series to the circuit of the fluid to be condensed, such that the circulation direction (V_D, V_A) of the fluid to be condensed is reversed at the passage from one module (52) to the next (53).

IPC 8 full level

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