

Title (en)

REFRIGERANT GUIDING PIPE AND HEAT EXCHANGER HAVING IT

Title (de)

KÜHLFLÜSSIGKEITSFÜHRUNGSRÖHR UND WÄRMETAUSCHER DAMIT

Title (fr)

CONDUITE DE GUIDAGE DE FLUIDE FRIGORIGÈNE ET ÉCHANGEUR DE CHALEUR CONTENANT CELLE-CI

Publication

EP 2618091 A4 20150902 (EN)

Application

EP 11824507 A 20110627

Priority

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Abstract (en)

[origin: EP2618091A1] A refrigerant guiding pipe for a heat exchanger comprises: a pipe wall in which an inner chamber is formed; an opening formed in the pipe wall; and a refrigerant guiding wall portion, at least a part of the refrigerant guiding wall being disposed to be substantially inclined with respect to an axial direction of the refrigerant guiding pipe to guide refrigerant passing through the opening. The refrigerant guiding wall portion is a recessed wall section depressed towards the inner chamber. The refrigerant guiding pipe of the present invention can distribute and guide refrigerant well to avoid nonuniform distribution of refrigerant due to layering of gaseous refrigerant and liquid refrigerant.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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Designated contracting state (EPC)

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