Title (en)

MIXING MEMBER CONSTITUTING A DEVICE FOR HOMOGENISING THE DISTRIBUTION OF A REFRIGERANT INSIDE TUBES OF A HEAT EXCHANGER

Title (de)

MISCHELEMENT ALS VORRICHTUNG ZUR HOMOGENISIERUNG DER VERTEILUNG EINES KÄLTEMITTELS IM INNEREN VON ROHREN EINES WÄRMETAUSCHERS

Title (fr)

ORGANE DE MIXAGE CONSTITUTIF D'UN DISPOSITIF D'HOMOGÉNÉISATION DE LA DISTRIBUTION D'UN FLUIDE RÉFRIGÉRANT À L'INTÉRIEUR DE TUBES D'UN ÉCHANGEUR DE CHALEUR

Publication

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Application

EP 17817795 A 20171130

Priority

- FR 1661763 A 20161130
- FR 2017053314 W 20171130

Abstract (en)

[origin: WO2018100310A1] The invention relates to a mixing member (25) intended for mixing a liquid phase and a gaseous phase of a refrigerant (FR) circulating inside a collector box of a heat exchanger. The mixing member (25) comprises at least one wall (30) including a plurality of mixing patterns (34a, 34b) which are arranged so as to direct the refrigerant (FR) towards a peripheral edge of the mixing member (25). The mixing patterns (34a, 34b) are repeated in series along an elongation axis (A9). A mixing pattern (34a, 34b) extends between a first edge (35') and a second edge (36'). The first edge (35') and the second edge (36') of the same mixing pattern (34a, 34b) form an edge angle (δ) of 0° to 90° with one another.

IPC 8 full level

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CPC (source: EP)

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DOCDB simple family (application)

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