

Title (en)

REFRIGERATING UNIT COMPRISING AN ULTRASOUND-WELDED SUCTION TUBE AND A THROTTLING TUBE

Title (de)

KÄLTEGERÄT MIT ULTRASCHALLVERSCHWEISSTEM SAUG- UND DROSSELROHR

Title (fr)

APPAREIL REFRIGERANT MUNI D'UN TUYAU D'ADMISSION ET D'UN TUYAU D'ETRANGLEMENT SOUDES PAR ULTRASONS

Publication

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Application

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Abstract (en)

[origin: WO2005064246A1] The invention relates to a refrigerating unit comprising a suction tube (1) and a throttling tube (2) for refrigerant, whereby the throttling tube (1), at a first location (A) on the suction tube (2), is inserted inside the suction tube (2) and is joined thereto. In addition, the throttling tube (1) and the suction tube (2) are joined to one another at a second location (B) on the suction tube (2) at which outer surfaces of the throttling tube (1) and of the suction tube (2) touch. According to the invention, the outer surfaces of the throttling tube (1) and of the suction tube (2) are joined to one another at the second location (B) by ultrasound welding. The invention also relates to a method for joining the throttling tube (1) and the suction tube (2).

IPC 8 full level

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