

Title (en)

Device for optimizing the flow of refrigerant fluid fed to an evaporator of a refrigeration circuit and acting as an expansion noise level reducer

Title (de)

Als Entspannungsgeräuschpegeldämpfer wirkende Vorrichtung zur Optimierung des einem Kältekreislaufverdampfer zugeführten Kältemittelstromes

Title (fr)

Dispositif permettant d'optimiser l'écoulement de fluide frigorigène fourni à un évaporateur d'un circuit frigorifique et agissant comme réducteur de niveau de bruit d'expansion

Publication

EP 0943879 A2 19990922 (EN)

Application

EP 99103641 A 19990225

Priority

IT MI980200 U 19980320

Abstract (en)

A device for optimizing, within a refrigeration circuit, the flow of refrigerant fluid fed to an evaporator via an expansion member (1) and for reducing the expansion noise level comprises a body (10) constructed of porous material and positioned in correspondence with a free end (5) of said expansion member (1) along the refrigerant fluid path towards the evaporator within a containing tube (3) for said member (1) positioned at the entry to said evaporator, said body (10) containing at least a portion (7) of said free end (5) and being fixed within said tube (3). <IMAGE>

IPC 1-7

F25B 41/06

IPC 8 full level

F25B 41/06 (2006.01)

CPC (source: EP US)

F25B 41/37 (2021.01 - EP US); **F25B 2500/12** (2013.01 - EP)

Cited by

EP4141356A1; DE202006007921U1; EP1241418A1; EP1291593A3; FR2812076A1; WO2015050514A1; WO2014198555A1; WO0208677A1

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