

Title (en)

PROCESS FOR SETTING THE STATIC OVERHEATING IN EXPANSION VALVES FOR COOLANT CIRCUITS

Title (de)

VERFAHREN ZUR EINSTELLUNG DER STATISCHEN ÜBERHITZUNG AN EXPANSIONSVENTILEN FÜR KÄLTEMITTELKREISLÄUFE

Title (fr)

PROCEDE DE REGLAGE DE LA SURCHAUFFE STATIQUE AU NIVEAU DES SOUPAPES DE DETENTE DE CIRCUITS D'AGENT FRIGORIFIQUE

Publication

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Application

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Abstract (en)

[origin: US5916250A] PCT No. PCT/EP95/02662 Sec. 371 Date May 15, 1997 Sec. 102(e) Date May 15, 1997 PCT Filed Jul. 8, 1995 PCT Pub. No. WO96/07066 PCT Pub. Date Mar. 7, 1996 To effect the adjustment, the expansion valve is first set for a basic coolant (Ro) to a substantially constant static overheating temperature (DELTA toh) in a predetermined working range of the evaporator temperature and, when the coolant circuit is filled with a replacement coolant (R1, R2) differing from the basic coolant (Ro), the pretension of its adjusting spring (46) is adjusted in accordance with a specification suited to the difference between the vapor pressure curves of the replacement coolant and those of the basic coolant.

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