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(21) International Application Number: PCT/BR98/00067 (22) International Filing Date: 28 August 1998 (28.08.98) (50) Priority Data: PI 9702803-7 28 August 1997 (28.08.97) BR (71) Applicant (for all designated States except US): EMPRESA BRASILEIRA DE COMPRESSORES S.A. - EMBRACO [BR/BR]; Rua Rui Barbosa, 1020, CEP-89219-901 Joinville, SC (BR). (72) Inventor; and (75) Inventor/Applicant (for US only): BERWANGER, Egidio [BR/BR]; Rua Estrada Blumenau, 15287, Vila Nova, CEP-89219-901 Joinville, SC (BR). (74) Agents: ARNAUD, Antonio, M., P. et al.; Rua José Bonifácio, 93 - 7th floor, CEP-01003-901 São Paulo, SP (BR).		(81) Designated States: CN, JP, KR, SG, US, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>

(54) Title: A REFRIGERATION CIRCUIT ARRANGEMENT FOR A REFRIGERATION SYSTEM

(57) Abstract

A refrigeration circuit arrangement for a refrigeration system including, between the outlet of the condenser (4) and the inlet of the evaporator (8) of said circuit, a valve (20) of refrigerant fluid flow control, having a refrigerant fluid passage (22), whose cross section varies during the operation of the hermetic compressor (1) in a manner inversely proportional to the variation of the condensation temperature, in order to allow the condensed refrigerant fluid supplied to the evaporator (8) to have a temperature substantially correspondent to a nominal condensation temperature of the system.

