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(21) International Application Number: PCT/BR97/00016 (22) International Filing Date: 7 May 1997 (07.05.97) (30) Priority Data: PI 9601663-9 10 May 1996 (10.05.96) 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) Inventors; and (75) Inventors/Applicants (for US only): LILIE, Dietmar, Erich, Bernhard [BR/BR]; Rua Orestes Guimarães, 904, CEP-89219-901 Joinville, SC (BR). TODESCAT, Márcio, Luiz [BR/BR]; Apartamento 504, Rua Jacob Eisehut, 265, CEP-89219-901 Joinville, SC (BR). FAGOTTI, Fabian [BR/BR]; Rua Franklin Roosevelt, 52, CEP-89219-901 Joinville, SC (BR). (74) Agents: ARNAUD, Antonio, M., P. et al.; 7th floor, Rua José Bonifácio, 93, CEP-01003-901 São Paulo, SP (BR).		(81) Designated States: CN, JP, KR, SG, US, European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report.</i> <i>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 SUCTION ARRANGEMENT IN A RECIPROCATING HERMETIC COMPRESSOR (57) Abstract A suction arrangement in a reciprocating hermetic compressor of the type including a hermetic shell (21) comprising a suction inlet tube (28) for admitting gas into the shell; a suction orifice (24a), which is provided at the head of a cylinder (22) disposed inside the shell (21) and which is in fluid communication with the suction inlet tube (28), said arrangement comprising a suction means (60) having a first end (61) hermetically coupled to the suction inlet tube (28) and a second end (62) hermetically coupled to the suction orifice (24a), in order to conduct low pressure gas from the suction inlet tube (28) directly to the suction orifice (24a), hermetically in relation to the inside of shell (21), said suction means (60) providing thermal and acoustic energy insulation to the gas being drawn.		

