

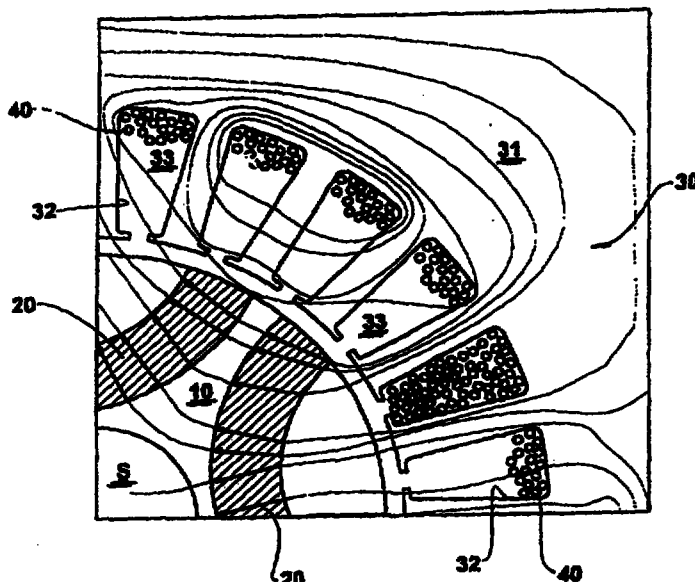


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PI 9706334.7 **29 December 1997 (29.12.97)** **BR**(71) Applicant (for all designated States except US): **EMPRESA
BRASILEIRA DE COMPRESSORES S.A. - EMBRACO**
[BR/BR]; Rua Rui Barbosa, 1020, CEP-89219-901
Joinville, SC (BR).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **VON DOKONAL, Luiz**
[BR/BR]; Rua Visconde de Mauá, 241, CEP-89219-901
Joinville, SC (BR). **SCHWARZ, Marcos, Guilherme**
[BR/BR]; Rua General Osório, Conjunto Belvedere, Casa
2, CEP-89219-901 Joinville, SC (BR). **MÖBIUS, Marcos,**
Romeu [-/BR]; Rua Dilmar Penski, 705, 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: **JP, KR, SG, SK, US, European patent (AT,
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upon receipt of that report.*(54) Title: **A PROCESS FOR MAGNETIZING THE PERMANENT MAGNETS OF AN ELECTRIC MOTOR ROTOR AND A PROCESS
FOR ASSEMBLING A HERMETIC COMPRESSOR MOTOR**

(57) Abstract

A process for magnetizing the permanent magnets of an electric motor rotor and a process for assembling a hermetic compressor motor, whose stator (30) carries a plurality of coils (40), said rotor being operationally positioned with a determined relative angular position in relation to the stator (30) prior to the energization, from an external current source, of a determined number of coils (40) of said stator (30) with a current pulse having a required intensity to generate a magnetic field which produces a homogeneous magnetization transversely oriented in at least one magnetic sector, said current pulse being maintained during a shorter time than that which impairs the coils of said stator (30).