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(71) Applicant (for all designated States except US):
WHIRLPOOL S.A. [BR/BR]; Avenida das Nações
Unidas, 12995 - 32º Andar - Br ooklin Novo, 04578-000
São Paulo - SP (BR).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **POSSAMAI,**
Fabício Caldeira [BR/BR]; Rua Wolfgang Amon, 263,
89217-350 Joinville - SC (BR). **VASILIEV, Leonard L.**
[US/BY]; Kulman Street 13, Ap. 48, Minsk, 220100 (BY).

(74) Agents: **ARNAUD, Antonio M.P.** et al.; Rua José Bonifá-
cio, 93 - 9th Floor, 01003-901 São Paulo - SP (BR).

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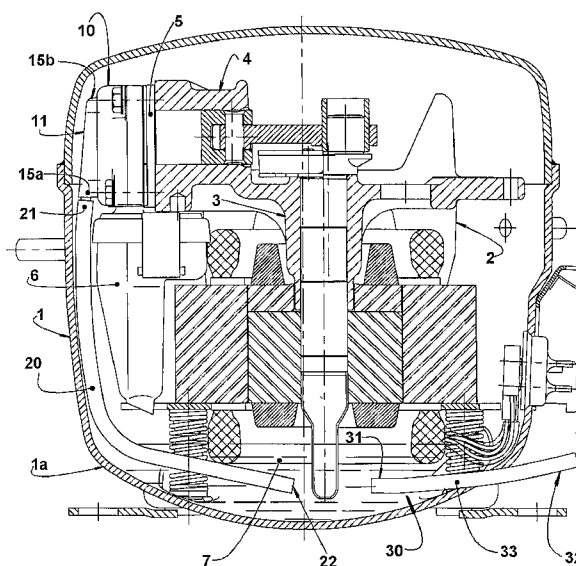
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(54) Title: HERMETIC COMPRESSOR WITH A HEAT DISSIPATION SYSTEM



(57) Abstract: A hermetic compressor with a heat dissipating system, comprising: a casing (1) within which is defined an oil sump (7); a cylinder block (2) mounted inside the casing (1) and defining a cylinder (3), for compression of a refrigerant fluid, having an end closed by a cylinder head (10) in which is defined a discharge chamber, and at least one thermal energy transfer duct (20) having a heat absorbing end (21) mounted to the cylinder block (2) in order to absorb the heat generated by compression of the refrigerant fluid inside the cylinder (3), and a heat releasing end (22) provided away from the cylinder block (2) in order to conduct and liberate the heat absorbed therefrom to another means.

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