



(51) International Patent Classification:
F16C 7/02 (2006.01)

(21) International Application Number:
PCT/BR2012/000295

(22) International Filing Date:
15 August 2012 (15.08.2012)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
PI1103745-8 30 August 2011 (30.08.2011) BR

(71) Applicant (for all designated States except US): **WHIR-
POOL S.A.** [BR/BR]; Avenida das Nações Unidas, N°
12.995, 32° andar, Brooklin Novo, 4578-000, São Paulo,
SP (BR).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **JUNIOR, Raul Bosco**
[BR/BR]; Rua João Pessoa, 647, Apto 502, America,
89204-440, Joinville, SC (BR).

(74) Agent: **LEME, Fabio Ferraz de Arruda**; Daniel Ad-
vogados, Rua Joaquim Floriano, 413, 13° andar, 04534-
011, Itaim Bibi, São Paulo, SP - Brazil (BR).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY,
BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM,
DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT,
HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP,
KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD,
ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI,
NO, NZ, OM, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW,
SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM,
ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ,
UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ,
TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK,
EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV,
MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM,
TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW,
ML, MR, NE, SN, TD, TG).

Published:

— with international search report (Art. 21(3))

(54) Title: CONNECTING ROD OF RECIPROCATING COMPRESSOR

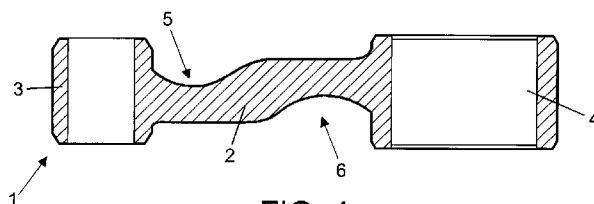


FIG. 4

(57) Abstract: The present invention relates to a connecting rod for reciprocating compressor, in particular a connecting rod converting the crank rotating motion into linear axial motion. The rod (1) having means capable of compensate efforts and ensure alignment and deflection of the piston (P) inside the cylinder (C). Such means comprising at least two regions (5, 6) capable of oriented resilient deformation, being such regions (5, 6) formed in the body (2) and oriented in opposite directions.