

(51) International Patent Classification:
F04B 35/04 (2006.01)(21) International Application Number:
PCT/BR2012/000066(22) International Filing Date:
15 March 2012 (15.03.2012)

(25) Filing Language: English

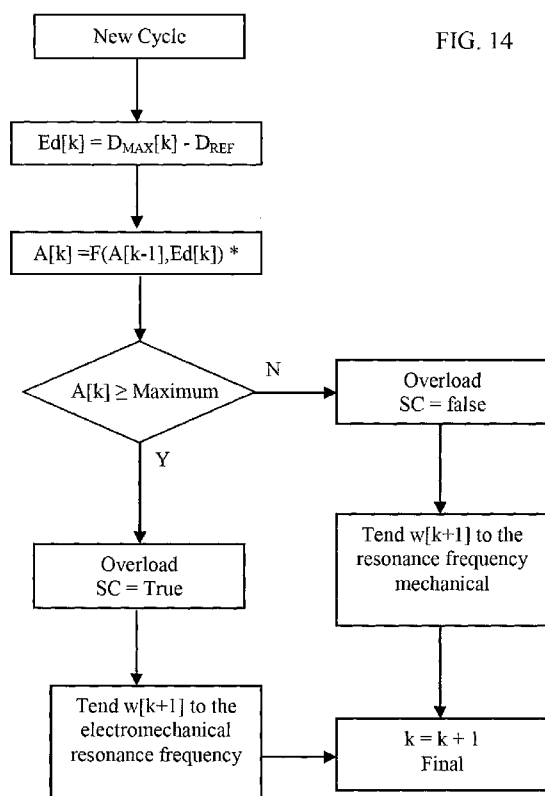
(26) Publication Language: English

(30) Priority Data:
PI1101094-0 15 March 2011 (15.03.2011) BR(71) Applicant (for all designated States except US): **WHIR-
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(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, 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,

[Continued on next page]

(54) Title: ACTUATION SYSTEM FOR A RESONANT LINEAR COMPRESSOR, METHOD FOR ACTUATING A RESON-
ANT LINEAR COMPRESSOR, AND RESONANT LINEAR COMPRESSOR(57) Abstract: The present invention relates to an actuation system
for a resonant linear compressor (50), applied to cooling systems,
the latter being particularly designed to operate at the electromech-
anical frequency of said compressor (50), so that the system will be
capable of raising the maximum power supplied by the linear actu-
ator, in conditions of overload of said cooling system. Addition-
ally, the present invention relates to an actuation method for a res-
onant linear compressor (50), the operation steps of which enable
one to actuate the equipment at the electromechanical resonance
frequency, as well as to control the actuation thereof in over load
conditions.



GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, 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).

— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*

(88) Date of publication of the international search report:
3 January 2013

Published:

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