



(51) International Patent Classification:
F01K 27/00 (2006.01)

(21) International Application Number:
PCT/EP2010/052027

(22) International Filing Date:
18 February 2010 (18.02.2010)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
09157592.8 8 April 2009 (08.04.2009) EP

(72) Inventor; and

(71) Applicant : COHEN, Yoav [CH/CH]; 35, chemin de Graman, CH-1241 Puplinge (CH).

(74) Agents: KILIARIDIS, Constantin et al.; BUGNION Genève, 10, route de Florissant, Case Postale 375, CH-1211 Geneva 12 (CH).

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, RO, RS, RU, 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.

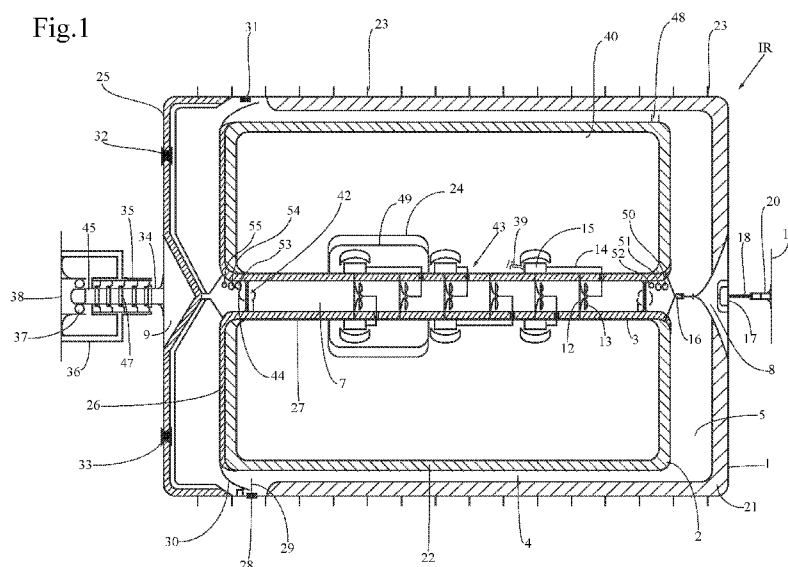
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT,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

Published:

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, — with international search report (Art. 21(3))

(54) Title: INSTALLATION DESIGNED TO CONVERT ENVIRONMENTAL THERMAL ENERGY INTO USEFUL ENERGY

Fig.1



(57) Abstract: The present invention relates to an installation and a process implementing the installation for converting thermal energy available in a given environment into useful energy. Installation and process by means of pressure differentials between a hot and a cold column of a pressurized fluid, create a continuous flow in a fluid driving in rotation elements the rotational energy of which is converted to a useful energy.