

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
28 August 2008 (28.08.2008)

PCT

(10) International Publication Number
WO 2008/103129 A1

(51) International Patent Classification:
H02M 11/00 (2006.01) **H02N 11/00** (2006.01)

(21) International Application Number:
PCT/TR2007/000050

(22) International Filing Date: 8 June 2007 (08.06.2007)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
u 2007/00996 20 February 2007 (20.02.2007) TR

(71) Applicant (for all designated States except US): **TURK, Metin** [TR/TR]; Ayten Sokak 30/4 Mebusevleri, Tandoğan, 06510 Ankara (TR).

(71) Applicant and

(72) Inventor: **KAPANADZE, Taniel** [GE/GE]; Tzkalutubo Sokak, No:9, Tbilisi (GE).

(74) Agent: **YALCINER, Ugur G. (YALCINER DANIS-MANLIK VE DIS TICARET LTD. STL.)**; Tunus Caddesi No:85/8, Kavaklidere, 06680 Ankara (TR).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, 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, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, 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, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

(54) Title: INDEPENDENT ENERGY DEVICE

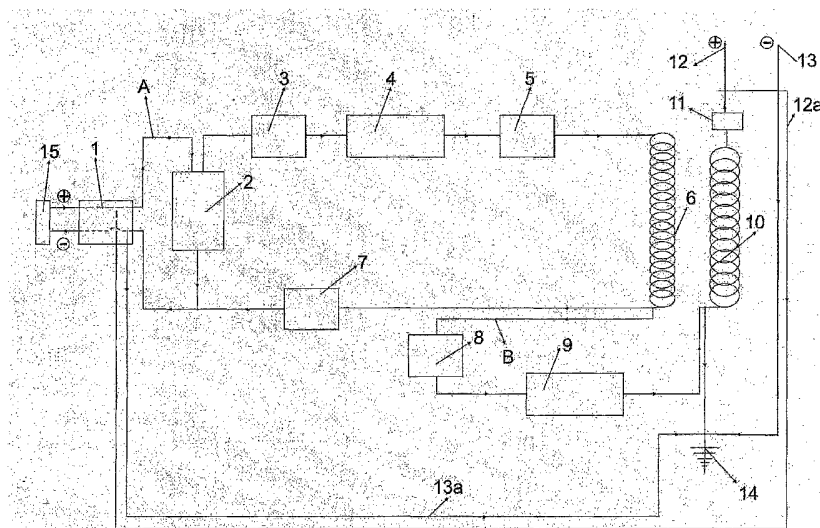


Figure -1

(57) Abstract: The independent energy device improved with this invention, starts operation with the initial electric energy received from the initial energy supply (15) and afterwards generates energy consistently and is characterized to include power switch (1), capacitor (2), points (3), high frequency generator (4), first filter (5), first bobbin (6), first frequency adjuster (7), second filter (8), frequency stabilizer (adjuster) (9), second bobbin (10), second frequency adjuster (11), exit (phase) (positive) (12), positive self feeding cable (12a), exit (neutral) (13), negative self feeding cable (13a), neutral (grounding) (14), initial power supply (15).

INDEPENDENT ENERGY DEVICE

The present invention is a device both self sufficient (self feeding) and producing ready to use electric energy, starts to operate with the initial electrical energy received from accumulator or similar source of energy, transferring the magnetic field generated in first bobbin to second bobbin through a frequency stabilizer, after rhythmically stabilizing the magnetic field occurred between the bobbins; converts the independent energy -received by the second bobbin from the air- to electric energy.

Today electric energy can be generated by using various kinds of technologies. In order to summarize some of them; electric energy can be generated through dams, from the motion of waves, by nuclear power plants, by using solar energy, fuel oil, hydroelectric power plants and similar areas through using various technologies. There are different advantages and disadvantages among these various techniques used for generating electric energy. The general purpose of all these techniques is to generate energy cheaper and faster by providing high efficiency.

The present invention is improved through using different technologies of today, by less costly way and without harming the nature, and using a very different technique from the above mentioned (present techniques used today).

The present invention receives energy externally only at first starting phase. This mentioned energy can be easily generated from a small accumulator or chargeable battery or similar sources. 1 -2 seconds after the device is started, the power switch at the energy input of the device cuts the external electric (from accumulator or similar source of energy) off by generating electric energy. A very few part of this electric energy generated is used by the device to feed itself and the most part is discharged ready to be used. As long as the device is not shut down or no problem occurred inside, the device generates energy consistently. By recent technology, there is no device similar to the present invention producing energy consistently by feeding itself.

In order to maintain the device to generate electric energy consistently, two circuits are designed inside the device.

First circuit; consists of time relay switch, capacitor, points, high frequency generator, first filter, first bobbin, first frequency adjuster (this circuit is displayed with bold line on the figure)

Second circuit; consists of second filter, frequency stabilizer, second bobbin, second frequency adjuster.

First circuit is designed for generating electricity by transferring the electro magnetic field occurred at the first bobbin with the electric energy received from the independent initial power supply, to second bobbin. And as the second circuit; Due to the high magnetic field received from the first bobbin, there occurs a magnetic field difference between the bobbins. The magnetic field difference occurred between the second bobbin and first bobbin stabilized by the help of frequency stabilizer within this circuit line. As stabilizing the magnetic field difference by the help of frequency stabilizer, this circuit line also converts the energy which is moving independently in the air at the second bobbin designed within this line to electric energy. This electric energy formed by the second bobbin adjusts the necessary frequency (220 V - 50 Hz or 110 V - 60 Hz) for use, by the help of second frequency adjuster designed at the bobbin output. This generated electric energy is transferred to the intended usage area via exit points. Through the circuit cables connected to the exit points, the device feeds itself with the generated electric energy. This mentioned process eventuates 1 -2 seconds after the device is got started. After this process, the time relay power switch designed at the input of the device breaks the initial energy supply. After this stage, the device generates the energy independently.

The present invention is designed as single phase and as the phase number is desired to be increased, the bobbin number shall also be increased for each phase. Depending on the number of bobbins, the capacities of other parts used in the device are increased symmetrically.

It is possible to obtain energy in desired amounts of KW from the device. It is necessary to increase the capacity of the parts depending on the value of the electric energy.

The figures related to the invention are given enclosed; from the related figures:

Figure 1- Schematic view of the present invention

The parts related to the invention are given numbers and the explanations responding these numbers are as follows:

1- Power switch

2 - Capacitor

3- Points (as distributor of an engine)

- 4- High frequency generator
- 5- First filter
- 6- First bobbin
- 7- First frequency adjuster
- 5 8- Second filter
- 9- Frequency stabilizer (adjuster)
- 10- Second bobbin
- 11- Second frequency adjuster
- 12- Exit (phase) (positive)
- 10 12a- Positive transformation cable
- 13- Exit (neutral)
- 13a- Negative transformation cable
- 14- Neutral (grounding)
- 15- Initial power supply
- 15 A- First circuit cable
- B- Second circuit cable

The operation of the present device is explained as below, giving reference to the parts' numbers through the figure enclosed.

Energy and frequency circuit on the first circuit (A)

- 20 Opening the power switch, the user gives the electric energy received from the initial energy supply (15) to the first circuit cable (A). Being loaded with the electric energy received from the energy supply (15) the capacitor (2) serves as a pump, and provides the points (3) to give electric to the high frequency generator (4). High frequency generator (4) transfers the high amount of frequency it generated to the first filter (5). First filter (5)
- 25 stabilizes the frequency received from the high frequency generator (4) and regularly transfers to the first bobbin (6). Creating a magnetic field around itself with the high frequency regularly received from the first filter (5); first bobbin (6) transfers it to the second bobbin (10). Subsequently, following the first circuit cable (A), the high frequency passing from the

first bobbin (6) passes to the first frequency adjuster (7). The first frequency adjuster (7) stabilizes the received high frequency in accordance with the need and arranges without causing any harm to the parts at its exit.

5 **Energy and frequency circuit on the second circuit (B)**

The high frequency risen from the first bobbin (6) enters to the second filter through the second circuit (B). Second filter (8) transfers the frequency received from the first bobbin (6) to the frequency stabilizer (9). The electromagnetic fields occurred at the bobbins (6, 10) are different and the magnetic field at the first bobbin (6) is higher than the second bobbin (10). At this stage the frequency stabilizer (9) stabilizes the different electromagnetic fields occurred at the first and the second bobbins (6, 10). This stabilized high frequency exits from the second bobbin (10) and is adjusted for the required (necessary for the use) frequency degree by the help of the second frequency adjuster (11). The user uses the electric energy generated in the device by the help of exit (phase) (positive) (12) and exit (neutral) cable (13).

The positive transformation cable (12a) at the exit of the device and the negative transformation cable (13a) are connected to the power switch. 1-2 seconds after the device starts to generate electric, the electric energy generated is transmitted to the power switch (1) via positive transformation cable (12a) and negative transformation cable (13a). The time relay at the power switch (1) breaks the energy received from the initial power supply (15). After this stage, the device continues to generate electric energy feeding itself with the self generated energy and independently without depending to any energy from outside. The device continues to generate unlimited energy as long as it is not closed via the power switch (1) or no problem occurred within the system.

CLAIMS

- 1- An independent energy device, starting to operate with the initial electric energy received from the independent initial power supply (15), transferring the electro magnetic field occurred at the first bobbin (6) to second bobbin (10), stabilizing the magnetic field
5 occurred between the bobbins (6, 10) with the help of frequency stabilizer (9), afterwards converting the independent energy received from the air by the second bobbin (10) to electric energy, both self feeding and generating ready to use electric energy; composed of following parts; power switch (1), capacitor (2), points (3), high frequency generator (4), first filter(5), first bobbin (6), first frequency adjuster (7), second filter (8), frequency
10 stabilizer (adjuster) (9), second bobbin (10), second frequency adjuster (11), Exit (phase) (positive) (12), positive self feeding cable (12a), exit (neutral) (13), negative self feeding cable (13a), neutral (grounding) (14), initial power supply (15).
- 2- An independent energy device of Claim 1 wherein characterized to include capacitor (2) to transfer the electric received from the initial power supply (15) to points (3).
- 15 3- An independent energy device of Claim 1 wherein characterized to include points (3) to transfer the frequency that the high frequency generator (4) needs.
- 4- An independent energy device of Claim 1 wherein characterized to include the high frequency generator (4) to transfer the high frequency occurred within itself to the first filter (5).
- 20 5- An independent energy device of Claim 1 wherein characterized to include the first filter (5) to order the frequency received from the high frequency generator (4) and transfer to the first bobbin (6).
- 6- An independent energy device of Claim 1 wherein characterized to include the first bobbin (5); providing a high electro magnetic field around itself to transfer the high and
25 regular frequency received from the first filter (5) to the second bobbin (10) and the electric energy received from the initial power supply (15) both to the first circuit cable (A) and to the second circuit cable (B).
- 7- An independent energy device of Claim 1 wherein characterized to include first frequency adjuster (7) to stabilize the normal frequency received from the initial power supply (15)
30 with the high frequency received from the first bobbin (6).

- 8- An independent energy device of Claim 1 wherein characterized to include the second filter (8) to order the high frequency received from the first bobbin (6) and transfer to the frequency stabilizer (adjuster) (9).
- 5 9- An independent energy device of Claim 1 wherein characterized to include frequency stabilizer (adjuster) (9) to stabilize the electro magnetic field differences occurred between the first bobbin (6) and second bobbin (10).
- 10- An independent energy device of Claim 1 wherein characterized to include the second bobbin (10) to generate electric energy combining the electro magnetic field received from the first bobbin (6) and the independent energy received from the air, after the frequency stabilizer (adjuster) (9) orders the electro magnetic field between the bobbins (6, 10).
- 10 11- An independent energy device of Claim 1 wherein characterized to include the second frequency adjuster (11) to stabilize the high frequency received from the second bobbin (10) in accordance with the need to be used.
- 15 12- An independent energy device of Claim 1 wherein characterized to include Exit (phase) (positive) (12) and Exit (neutral) (13) designed in order to enable the device to use the electric energy generated.
- 13- An independent energy device of Claim 1 wherein characterized to include positive transformation cable (12a) and negative transformation cable (13a) designed in order to enable the device to feed itself with the electric energy generated.
- 20 14- An independent energy device of Claim 1 wherein characterized to include the initial power supply (15) to provide the device operates at the first time.

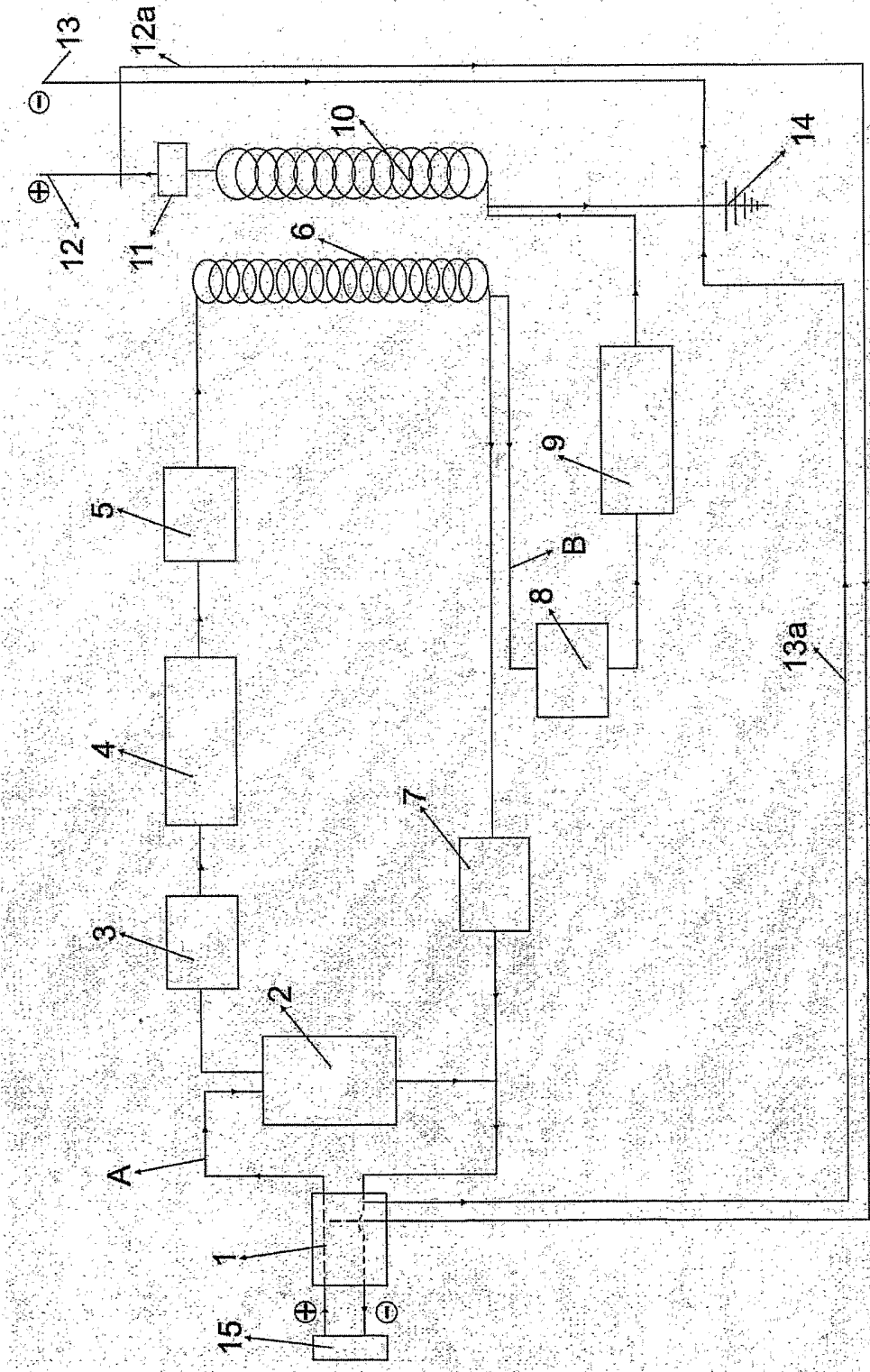


Figure - 1

INTERNATIONAL SEARCH REPORT

International application No
PCT/TR2007/000050

A. CLASSIFICATION OF SUBJECT MATTER
INV. H02M11/00 H02N11/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
H02N H02K H02M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 758 159 A2 (NIPPON ELECTRIC CO [JP]) 12 February 1997 (1997-02-12) page 5, line 21 - page 6, line 39; figures 5,11	1-12
X	----- GEORGAKIS D ET AL: "Operation of a prototype nucrogrid system based on micro-sources equipped with fast-acting power electronics interfaces" POWER ELECTRONICS SPECIALISTS CONFERENCE, 2004. PESC 04. 2004 IEEE 35TH ANNUAL AACHEN, GERMANY 20-25 JUNE 2004, PISCATAWAY, NJ, USA, IEEE, US, 20 June 2004 (2004-06-20), pages 3521-3526, XP010739478 ISBN: 0-7803-8399-0 the whole document ----- -/--	1-12

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the International search

28 August 2007

Date of mailing of the international search report

13/09/2007

Name and mailing address of the ISA/
European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

von Rauch, Marianne

INTERNATIONAL SEARCH REPORT

International application No

PCT/TR2007/000050

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/038612 A1 (KUTKUT NASSER H [US]) - 27 February 2003 (2003-02-27) page 4, paragraph 44 - page 6, paragraph 56 -----	1-12
X	ANGRIST S W: "PERPETUAL MOTION MACHINES" SCIENTIFIC AMERICAN, SCIENTIFIC AMERICAN INC., NEW YORK, NY, US, vol. 218, no. 1, January 1968 (1968-01), pages 114-122, XP002036811 ISSN: 0036-8733 the whole document -----	1-14
X	BEDINI J C ED - INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS: "THE BEDINI FREE ENERGY GENERATOR" PROCEEDINGS OF THE INTERSOCIETY ENERGY CONVERSION ENGINEERING CONFERENCE (IECEC). BOSTON, AUG. 4 - 9, 1991, NEW YORK, IEEE, US, vol. VOL. 4 CONF. 26, 4 August 1991 (1991-08-04), pages 451-456, XP000312844 ISBN: 0-89448-163-0 the whole document -----	1-14

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/TR2007/000050

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0758159	A2	12-02-1997	DE 69620517 D1	16-05-2002
			DE 69620517 T2	07-11-2002
			US 5739622 A	14-04-1998
US 2003038612	A1	27-02-2003	NONE	