

SUMMARY

## ECONOMIC ENERGY TRANSFORMER

5            Developed with **this invention** , it receives **initial electricity** from an **energy source (1,2,2A)**.

**Economical energy transformer that increases energy** ,

- **The first part, which includes an external battery or rechargeable battery or an inverter or grid or any other energy source that provides the input energy to the system** ,

- **The second part, which includes the switch, main board, capacitor, first filter and first coil** ,

10            • **Second coil (8), current amplifier (9), second filter (10), frequency adjustment (11), the third part containing the stabilizer (phase) (12) and the output (load) adjuster (13) ; And**

- **When necessary, the generated energy is sent to the first part and thus from the cables (14 and 15) feeding the input energy source**

**It is characterized by the formation of**

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## CLAIMS

1- It starts working with the initial electrical energy it receives from the independent energy source (1, 2, 2A) , transfers the electromagnetic field created in the first coil (7) to the second coil (8), and connects the coils ( 7 , 8 ) with the help of the current amplifier box ( 9 ) . It is an economical energy transformer that produces electrical energy ready for use by rhythmically balancing the magnetic field formed between ) and then increasing the initial energy

Its main features are;

- The first one , which includes an external battery or rechargeable battery or an inverter or grid or any energy source (1, 2 and 2A) that provides the input energy to the system part,
- Containing the switch (3), main board (4), capacitor (5), first filter (6) and first coil (7). second part,
- The third part containing the second coil (8), current amplifier (9), second filter (10), frequency adjuster (11), stabilizer (phase) (12) and output (load) adjuster (13) ; And
- When necessary, the produced energy is sent to the first part and thus cables (14 and 15) feeding the input energy source

is the formation.

2- It is an economical energy transformer according to claim 1 , and its feature is; It contains the switch (3) that enables the input energy received from an external battery or rechargeable battery or an inverter or the network or any other energy source to be transferred to the

3- It is an economical energy transformer according to claim 1 , and its feature is; within itself It contains the main board (4) that transfers the energy it creates to the capacitor (5) .

4- It is an economical energy transformer according to claim 1 , and its feature is; A capacitor (5) that stores the energy received from the main board and transfers it to the filter (6) and It contains.

5- It is an economical energy transformer according to claim 1 , and its feature is; filter (6) that filters the energy received from the capacitor (5) and transfers it to the first coil It contains.

- 6- It is an economical energy transformer according to claim 1 and its feature is; It contains the first coil (7) which takes the electricity coming from the filter (6) and transfers it to the second coil (8) thanks to the field it creates within itself .
- 5 7- It is an economical energy transformer according to claim 1 , and its feature is; It contains the second coil (8) that regulates the high frequency coming from the first coil (7) and transfers it to the current amplifier box (9) .
- 8- It is an economical energy transformer according to claim 1 , and its feature is; Current amplifier box, which increases the energy coming from the second coil (8) as desired and transfers it to the filter (10). It contains (9) .
- 10 9- It is an economical energy transformer according to claim 1 , and its feature is; It contains the second filter that transfers the energy received from the current amplifier (9) to the frequency adjuster (11) .
- 10- It is an economical energy transformer according to claim 1 , and its feature is; The frequency adjuster (11) balances the energy received from the second filter (10) according to the need to It contains.
- 15 11- It is an economical energy transformer according to claim 1 , and its feature is; It contains the stabilizer (12) that balances the energy received from the frequency adjuster (11) in line with the need and makes it ready for use .
- 12- It is an economical energy transformer according to claim 1 , and its feature is; The cable that allows the electrical energy produced by the device to both feed itself and be used under load (14, 15) is included.
- 20 13- It is an economical energy transformer according to claim 1 , and its feature is; It contains cables (14,15) that feed the source (1, 2, 2A) that provides the input energy for some of the electrical energy produced by the device .

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# ECONOMIC ENERGY TRANSFORMER

## FIELD TO WHICH THE INVENTION CONCERNS

This invention is ready for use by transferring the fixed electrical energy received from any energy source , the electromagnetic field created in one of the coils to the other coil ,  
5 rhythmically balancing the magnetic field formed between the coils with the help of a current amplifier , keeping the voltage of the energy in both coils constant and increasing the current according to the  
It is about an economical energy transformer that brings

## PRIOR ART RELATED TO THE INVENTION

10 Regarding the economical energy transformer developed with this invention , there is no prior art  
No application was found.

## OBJECTIVES IN DEVELOPING THE INVENTION

In the development of the economical energy transformer developed with this invention ,  
taking a constant energy input , keeping the voltage of this energy constant and increasing the current value is another  
With 15 expressions , it is aimed to produce more energy than the input energy .

## BASIC FEATURES OF THE INVENTION

The main feature of the economical energy transformer developed with this invention is a fixed  
electrical energy with voltage and current values , constant voltage but higher current value  
is to give it out . This device is also my first self - feeding energy source .  
20 can feed.

The economical energy transformer developed with this invention must  
continuously receive energy from an energy source . Input energy comes from  
an outside battery or rechargeable battery or an inverter or the grid or any other energy  
receivable.

25 The economical energy transformer developed with this invention provides a constant low energy consumption .  
It increases the energy and releases it .

## DESCRIPTION OF THE SHAPE

The figure prepared to better explain the economical energy transformer developed  
with this invention is presented in the appendix . The definition (explanation) of the Shape in question is be  
30 are given.

Figure- 1 Circuit Diagram view of the economical energy transformer of the invention

# **PARTS / ELEMENTS / PARTS IN THE FIGURES**

## **DEFINITIONS**

In order to better explain the economical energy transformer developed with this invention, the elements in the figure that are the features of the invention are numbered separately.

The correspondences of the numbers belonging to the 5 elements are explained below.

**1, 2 and 2A- Starting energy ( According to the starting energy source: Battery, Inverter, City network... etc)**

**3- Switch**

**4- Main board**

**10 5- Capacitor**

**6- First filter**

**7- First coil**

**8- Second coil**

**9- Current amplifier**

**15 10- Second filter**

**11- Frequency adjuster**

**12- Stabilizer (phase)**

**13- Output (Load)**

**14 and 15- Energy cables that feed the first circuit with the energy it produces**

## **20 DESCRIPTION OF THE INVENTION**

The economical energy transformer developed with this invention has 4 main parts:  
**consists of**

The First Part consists of an external battery or rechargeable battery that provides input energy to the system.  
**consists of battery or an inverter or mains or any energy source ( 1, 2 and 2A)**

**25** The second part is the switch (3), main board (4), capacitor (5), first filter (6) and first  
It consists of coil (7) .

Third part; second coil (8), current amplifier (9), second filter (10), frequency  
It consists of adjuster (11), stabilizer (phase) (12) and output (load) adjuster (13) .

**The fourth part is to send the produced energy to the first part and thus**  
It consists of cables (14 and 15) that feed the input energy source when necessary .

**The second part is used to transfer the electromagnetic field occurring in the first coil**  
**(7) with the electrical energy received from the independent energy source in the first part to the second coil**  
**5 designed.**

In the third part ; Due to the high magnetic field received from the first coil (7) , a  
magnetic field difference is created between the coils , and the magnetic field difference  
formed between the second coil (8) and the first coil (7) is determined in this section with the help of the  
is being upgraded.

**10** In the economical energy transformer developed with this invention , thanks to the energy  
cables (14 and 15) feeding the first circuit connected to the output ends (13) , the electricity produced by the de  
It feeds itself using some of its energy .

**The economical energy transformer of the invention is designed as a single phase**  
and can be increased to a maximum of 3 phases depending on the place of use . In the  
**15 economical energy transformer of the invention , energy at the desired power can be**  
obtained. Part capacities need to be increased depending on the value (power) of the desired electrical

**The energy that feeds the system is taken from an external battery or**  
rechargeable battery , an inverter , the grid or any energy source ( 1, 2, 2A) . This  
energy input has a constant voltage and current value .

**20** By turning on the switch (3) , the user gives the electrical energy from the input energy source  
(1, 2, 2A) to the second part . The capacitor (5) is charged with the electrical energy it receives from the  
input energy source (1, 2, 2A) and acts as a pump , allowing the main board (4) to supply electricity to the system .

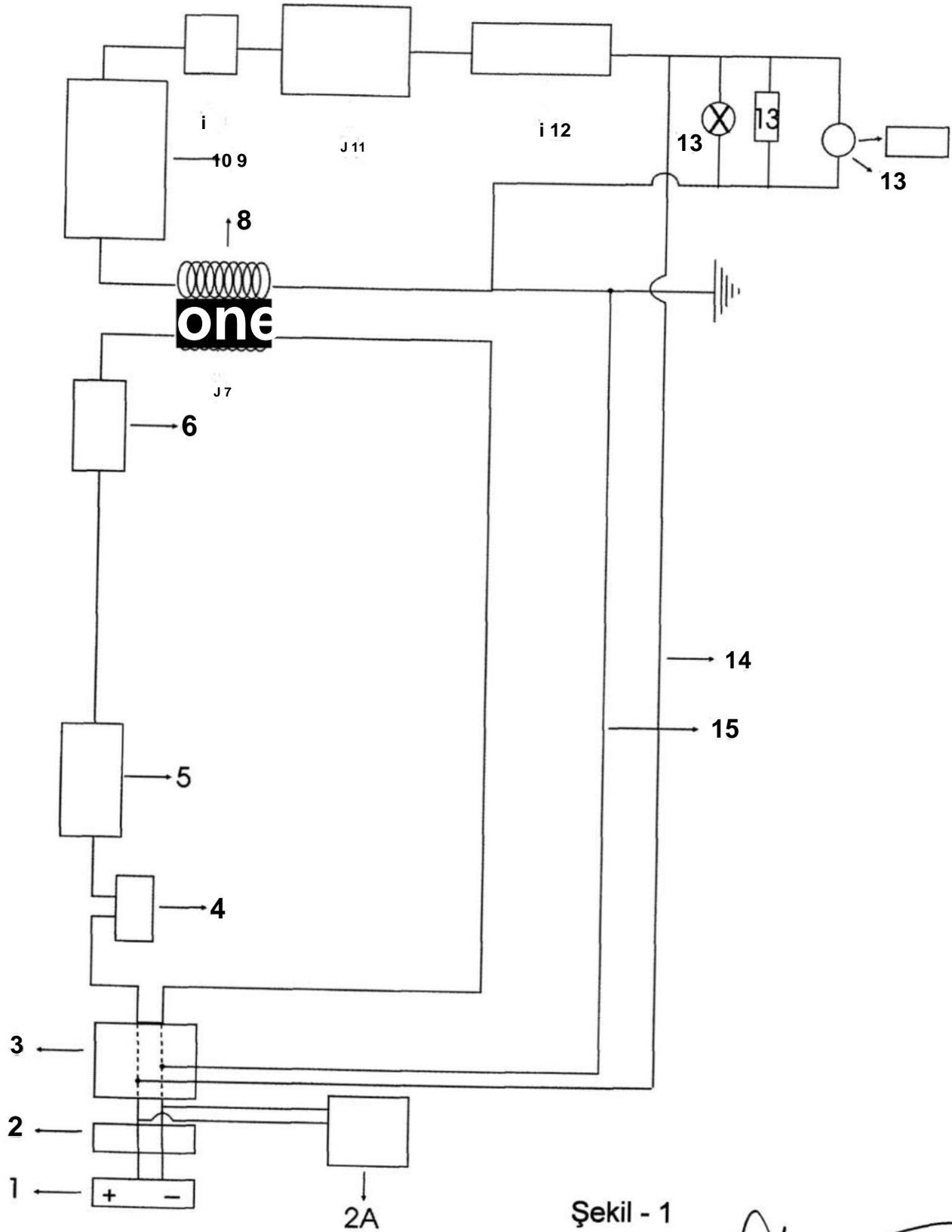
**The main board (4) transfers the high frequency it produces to the first filter (6) . The**  
first filter (6) balances the frequency coming from the main board (4) and passes it regularly to the first coi  
**25 transmits.**

**The first coil (7) surrounds itself with the regular high frequency it receives from the first filter (6).**  
It creates an electromagnetic field and ensures its transfer to the second coil (8) .

**Then , the high frequency passing through the first coil (7) follows the system and**  
goes to the current amplifier (9) . The second filter (10) sends the high frequency it receives  
**30** to the high frequency adjuster (11). The energy coming out from here enters the stabilizer  
(12) and the relevant unit balances the generated energy in line with the need so that it will not damage

arranges it accordingly . A part of the energy produced by the device is used to charge the energy cables (14 and 15) feeding the first circuit , and if the device from which the input energy is received is a source that needs to be charged .

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