Title: ELECTRIC SPHERICAL GENERATOR

Abstract: A spherical generator comprises a permanent magnet sphere (4) which center of mass is shifted from the geometrical centre. A curved coil system (1) forming a sphere movably surrounds the permanent magnet sphere (4).

Declarations under Rule 4.17:
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CLAIMS

1 - Machine which captures oscillations and other movements in any axis of coordinates in form of kinetic energy converting it for electricity generation, characterized by having a sphere with the center of mass offset from the its geometric center incrusted with permanent magnets (4), enclosed in a bearing system composed of six ball bearings (5), which each one is enclosed by a lid (6), and six joints (2), which each joint unites four curve coils (1), that in turn are formed by winding conductive wire around a metallic core or they can be devoid of core and the wire can be replaced by metallic plates placed around the sphere incrusted with permanent magnets (4), thus forming a spherical frame of curve coils (1), all connected in series with eight triangular coils (3) filling the spaces left free by the same spherical frame, taking in the rest of the magnetic field generated by the permanent magnets from the sphere incrusted with permanent magnets (4); This machine captures oscillations and other movements and converting them into electrical energy as follows: The Electric Spherical Generator of Magnetic Induction has two parts, the stator and rotor, the stator part is the sphere with the center of mass offset from the geometric center incrusted with permanent magnets (4) and the rotor consists of the remaining pieces with special attention to the curve coils (1) and triangular coils (3), all fixed and interconnected to form a sphere of coil around the rotor; the sphere incrusted with permanent magnets (4) has its center of mass shifted from the geometric center, this way interacting with the gravity fixing it relatively while the rotor rotates freely around the stator, driven by any
action of rotation or other movement outside the rotor, without much friction between the sphere incrusted with permanent magnets (4) and the bearing balls that belongs to the rotor, which keeps the sphere incrusted with permanent magnets (4) to maintain the position although it can rotate freely, this way, the sphere incrusted with permanent magnets (4) generates a magnetic field and the coils (1, 3), belonging to the rotor, move freely around the stator, by the law of electromagnetic induction (which is the effect of producing electric current in a circuit placed under the effect of a magnetic field or by a circuit moving in constant magnetic field), this field will magnetize the curve coils (1) and triangular coils (2) generating electrical energy in all parts of the conductive wire of those coils, connected in series forming one circuit.

2 - Electric generator of magnetic induction, according to claim 1, characterized by having a spherical frame composed by twelve curve coils (1), interconnected by joints (2) that unifies the pieces and serves as a framework for handling ball bearings (5).

3 - Generator according to the claims 1 and 2, characterized by the deviation of the natural center of mass of the sphere incrusted with permanent magnets (4) is amended by the introduction of objects and / or electronic and mechanical systems inside.

4 - Electric generator according to claim 1, characterized by having coils devoid of core and their conductive wire is wrapped around the sphere incrusted with permanent magnets (4), leaving room for it to roll.

5 - Electric generator according to claims 1 and 2,
characterized by having a spherical container, between the sphere incrusted with magnets (4) and the coils and bearings system (5), which contains a liquid or a gas that leads to the sphere incrusted in permanent magnets (4) to reduce its friction during the movement and / or rotation.

6 - Electric generator according to claims 1, 2 and 9, characterized by using a magnetic liquid, contained within the spherical container of liquid or gas, in order to increase the magnetic field generated by the sphere incrusted with permanent magnets (4).

7 - Electric generator according to claims 1 and 2, characterized by having convection currents applied to the liquid or gas so as to move the magnetic sphere (4) and coils (1, 3).