

Notice

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CLAIMS ES2608468

CLAIMS

1.

A magnetic device suitable for use as an electricity generator if a kinetic energy is applied or as a magnetic drive motor if an electric energy is applied which comprises an axis (2) to which discs (3, 4) are coupled with at least two magnetic poles (5) and central winding (6) of coils formed by a core (7) of magnetic material with a conductive wire winding (8) is characterized in that it comprises, coupled to the axis (2) At least one first disc 3 and a second disc 4 with several magnetic poles 5 and, without rotation, a central winding 6 between the two discs 3, 4; Because the magnetic poles (5) are placed radially on both disks, with successively alternating, positive and negative polarity; In that the central winding (6) comprises at least two coils whose core (7) has a configuration which, on both lateral sides, has inclined sides (71), towards the same side with respect to the axis (2), finishes Pointed (72); In that said cores (7) are located at such a distance therebetween that their tipped end (71) ends (72) overlap each other in the adjacent coils; And in that it also has an external element (9) which imparts movement to a first disc (3), which generates a magnetic field which, in turn, determines the excitation of the coils and, in turn, In the opposite direction of the second disc (4).

2.

3. A magnetic device according to claim 1, characterized in that the magnetic poles (5) are incorporated in number, position and similar magnetic force in each of the discs (3, 4).

3.

The magnetic device according to claims 1 to 3, characterized in that both discs (3, 4) are exactly identical.

4.

4. A magnetic device according to claim 1, characterized in that the cores (7) of the coils are diamond-shaped front elevation configuration bodies.

5.

Magnetic device n according to any one of claims 1 to 4, characterized in that the tips (72) of the cores (7) are not covered with the wire winding (8), so that when the ends of inclined sides

(71)

Are overlapped one on the other in the contiguous coils, the wires of the respective windings (8) do not overlap.