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DIRECCION DE NUEVAS CREACIONES

L.C

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En adición a nuestra comunicación de hoy, en la que doy respuesta en el termino legal a las observaciones planteados por la dirección de nuevas creaciones adjunto los diagramas de los fuentes consultadas por el examinador : D1 y D2 y el diagrama principal de mi solicitud de patente de invención.

Cordialmente

Carlos Ochoa Romero

Ing Electrónico

CC 3.226.532



(12) **DEMANDE DE BREVET CANADIEN**
CANADIAN PATENT APPLICATION

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F03G 7/10 (2006.01)

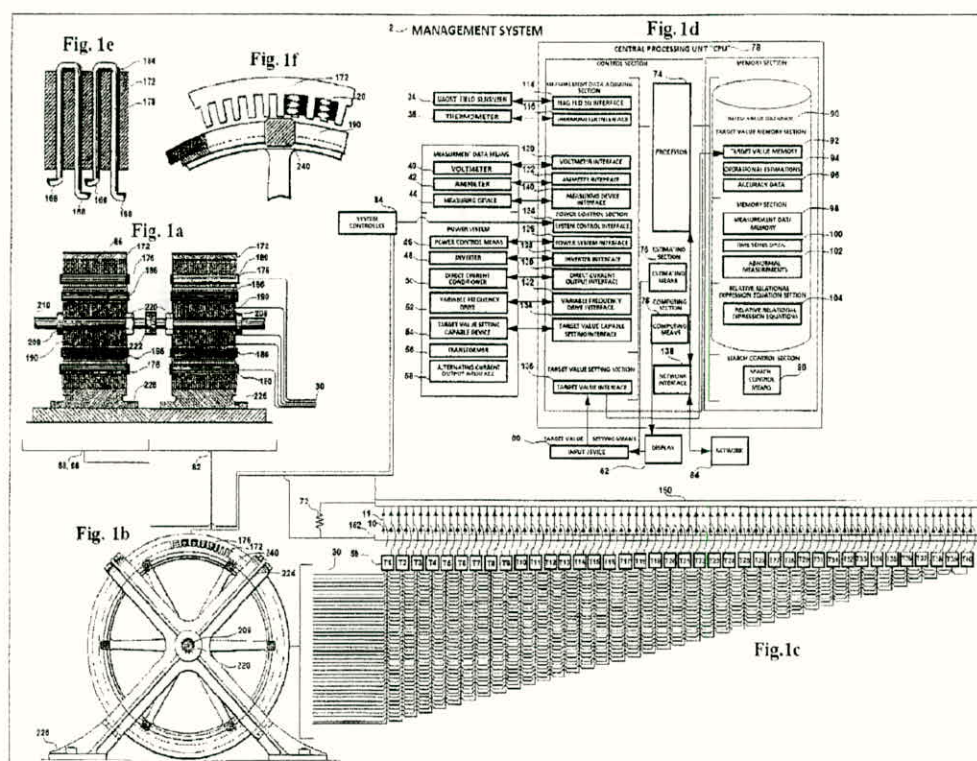
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(72) Inventeur/Inventor:
MILLER, MITCHELL B., CA...

(74) Agent: NA

(54) Titre : UN SYSTEME ET UNE METHODE DESTINES A UN DISPOSITIF DE PRODUCTION D'ENERGIE
EMPLOYANT UNE FAIBLE IMPEDANCE POUR LA PRODUCTION ACCRUE ET LA CONSOMMATION REDUITE
DE COURANT ELECTRIQUE

(54) Title: A SYSTEM AND METHOD FOR A POWER GENERATING DEVICE UTILIZING LOW IMPEDANCE FOR
INCREASED ELECTRIC CURRENT PRODUCTION AND REDUCED CONSUMPTION



(57) Abrégé/Abstract:

A system and method of generating energy utilizing an improved mechanical energy generating device, for generating, managing, and discharging energy, minimizing the generating device resistance and impedance, by precisely controlling the movement and



(12) **EUROPEAN PATENT APPLICATION**

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(30) Priority: **26.10.2001 US 999788**

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(54) **Generator with DC boost**

(57) A local power generation system generates a substantially DC inverter input voltage, which is modulated to generate a resulting output AC power signal to a load. The inverter input voltage may be obtained from an engine generator, providing an AC power signal that is rectified, or from a fuel cell generator providing a DC voltage converted to the desired voltage value at the inverter input. An energy storage device helps maintain the DC voltage when load power increases, until the engine (or fuel cell reaction) accelerates enough to accommodate the increased demand. In an uninterruptible

power supply (UPS) application, the load draws power from a utility-provided AC power source until a fault occurs. When the fault occurs, the load switches its draw to the inverter output. The energy storage device helps maintain the DC voltage at the inverter input until the generator (engine or fuel cell) starts and accelerates to a level sufficient provide the DC voltage. The system may also include switching devices for providing uninterruptible power to a critical load, while permitting a noncritical load to be subjected to a fault-condition for a short period of time, before switching to receive power from the inverter output.

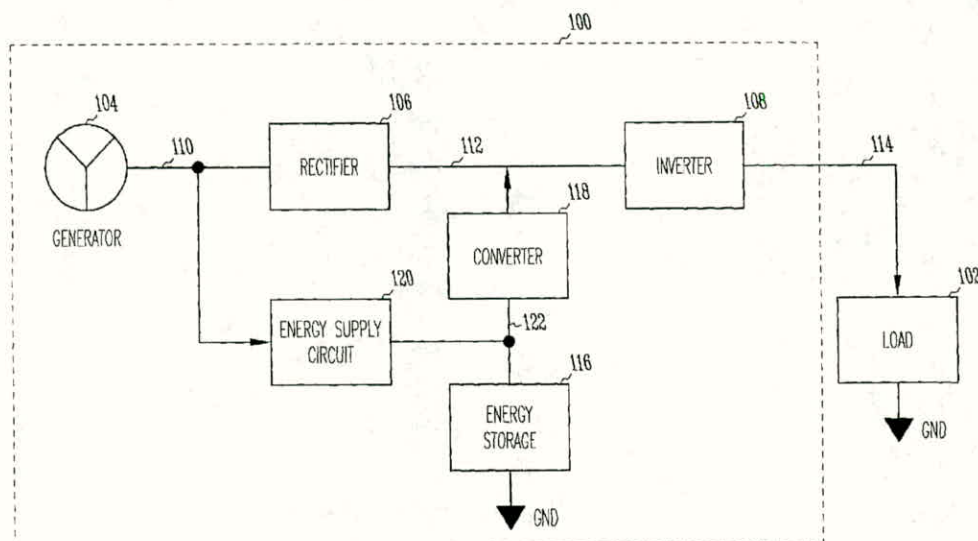


Fig.1

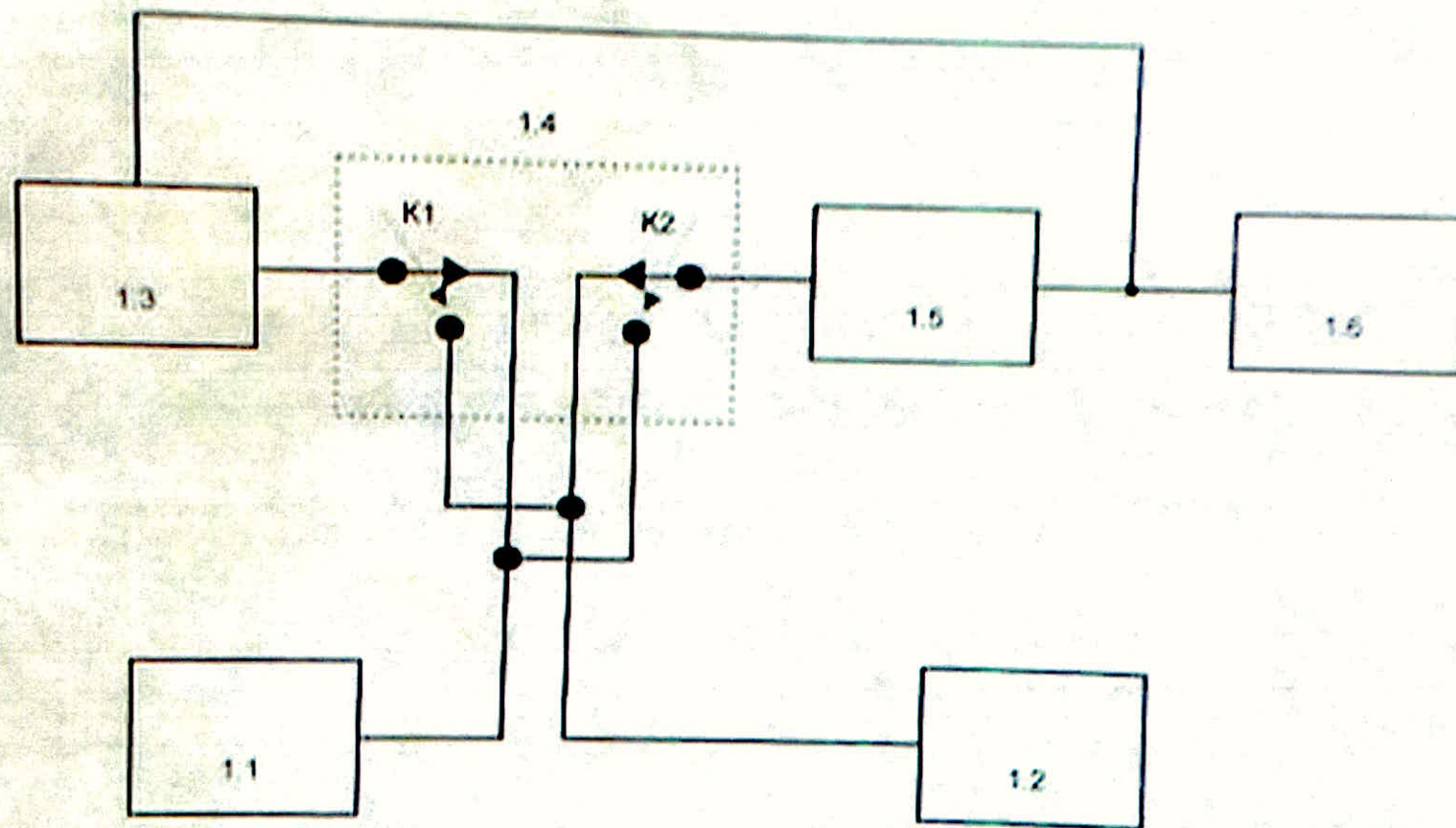


Figura # 1

Esquema de mi solicitud de patente