

Applicant: **Sabater Frau, Pedro**

Inventor: **Sabater Frau, Pedro**

Application nº: **Patente 201731168**

Int. Classification:

Title: **ENERGY PRODUCED BY A FORCE RECOVERY DEVICE**

Description:

The present invention refers to a device which has as an objective the recuperation of the energy produced by a force, for which the force is applied over an element that is configured to generate an electric current when a force is applied, in such a manner that the generated current is applied to an energy storing element, where the generated current is stored.

The invention is applicable for the recovery of energy which produces any force, more specifically it is applied for the recovery of energy produced by the forces generated in a vehicle produce, such as, for instance, the forces of inertia, the forces due to the oscillating or vibrating movement that is generated in the damping, the forces produced by the users of the vehicle themselves, etc. The vehicle can be electric, internal combustion or hybrid.

Advantages of the invention:

Recovering the energy produced by any force, more specifically it is applied for the recovery of the energy produced by the forces which are generated in a vehicle, such as for example the forces of inertia, the forces due to the oscillating or vibrating movement that is generated in the damping, the force of gravity, the forces produces by the users themselves, in any type of vehicles, such as automobiles, motorbikes, buses, trains, underground, boats, planes, lifts, etc. The vehicle can be electric, internal combustion or hybrid.

Classification: **Energy generated by moving bodies**

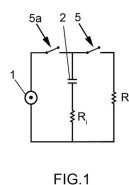


FIG.1

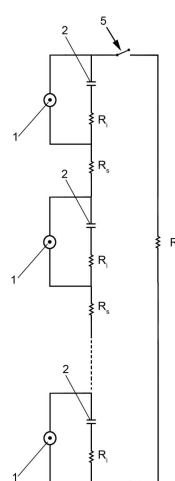


FIG.2

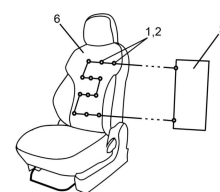


FIG.3

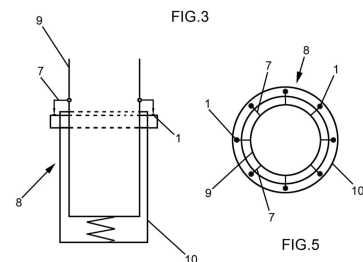


FIG.4

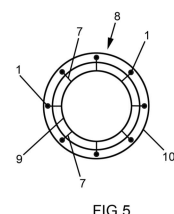


FIG.5