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connected to the airbag control system which in the event of a

Most electric vehicles are equipped with sensors to drivers, operators and any rescuers.

guaranteeing safety, from direct or indirect electrical contacts, system capable of disconnecting all energy sources,

For this reason, each vehicle has an insulation monitoring subject to dangerous potentials.

the high voltage circuits, the passenger compartment could be

In the event of a double fault due to loss of insulation of flash risk assessment for each type of vehicle.

require, considering the above, an in-depth and dedicated arc of internal scientific and technological research, which arc. Each e-mobility vehicle uses storage systems, the result maintenance workers and rescuers from a likely risk of electric necessary information on the use of specific PPE to protect

The vehicle manufacturer must, in our opinion, give all the and drivers themselves.

involve considerable risks for the safety of operators, rescuers non-deactivable accumulators which, in case of improper use,

In fact, both batteries and high voltage super capacitors are involving maintenance workers and rescuers.

maintenance phase and during the rescue following accidents, such as the occurrence of an arc flash [2], [3], both in the

phenomena in an electric or hybrid car in order of severity are:

The electrical systems that can generate arc flash electrical risks of electrocution and arc flash.

discharge of the accumulation systems capable of generating rescuers must implement all the procedures for the complete accident site remain critical. During this operation, the have ensured vehicle safety, operations for removal from the even if the accumulation management and control systems vehicle is completely negligible. In the event of an accident, during insertion or disconnection of the plug for charging the workers and the rescuers. The occurrence of an arc flash generate arc flash phenomena involving the maintenance that upon the occurrence of the first fault, electric arcs could that are not comprehensible, could lose its effectiveness and probable danger that can occur when this system, for reasons

However, it is not possible to exclude situations of power cables.

the aim of interrupting the flow of current on the electric fraction of a second, exploiting small explosive charges with fuses, deactivate the vehicle's power supply circuits in a devices due to the development of sensors and called pyro-collision disconnect the fuel systems. Electronic safety