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(54) **AUTOMATIC FIRE EXTINGUISHING SYSTEM FOR ELECTRIC VEHICLE PARKING SPACE**

(57) The present invention discloses an automatic fire extinguishing system for an electric vehicle parking space, including a thermal runaway isolation system, and further including a detection system, a medium system, and a fire control access system. The detection system is installed inside a battery pack of an electric vehicle and performs fire monitoring inside the battery pack. One end of the fire control access system extends into a vehicle body of the electric vehicle and is joined to the inside of the battery pack, and the other end of the fire control access system extends out of the vehicle body of the electric vehicle and is communication with the medium system. The medium system is disposed outside an electric vehicle parking space. The fire control access system

includes a transfer pipe and a quick insertion joint mechanism. The quick insertion joint mechanism is disposed on the transfer pipe. It is implemented through connection and disconnection of the quick insertion joint mechanism that the battery pack of the electric vehicle is quickly joined to the medium system when a vehicle is parked on the parking space, and the battery pack of the electric vehicle is quickly disconnected from the medium system when the vehicle parked on the parking space is leaving. Beneficial effect: Existing "afterward fire extinguishing" in the technical status in the BACKGROUND is resolved.

EP 4 400 180 A8

