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(54) Title: ELECTRIC VEHICLE CHARGING PLUG WITH SEALS

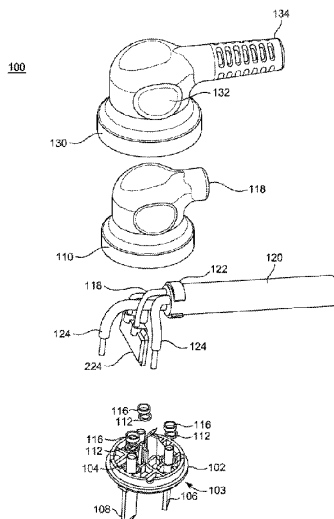


FIG. 1

(57) Abstract: An electric vehicle charging plug that comprises at least one temperature sensor for monitoring an internal temperature of the electric vehicle plug. The electric vehicle charging plug further comprises a data cable conveys temperature data to a physically separate controller. The electric vehicle charging plug further comprises a housing or holder for receiving the at least one temperature sensor, wherein the housing is capable of being embedded within an inner-mold of the electric vehicle plug. A first seal seals a junction between the at least one pin/blade and a faceplate or bridge plate. A second seal seals both a junction between the at least one pin/blade and a faceplate or bridge plate and the inner-mold. A third seal provided by the inner-mold seals the entire interior of the electric vehicle plug.

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