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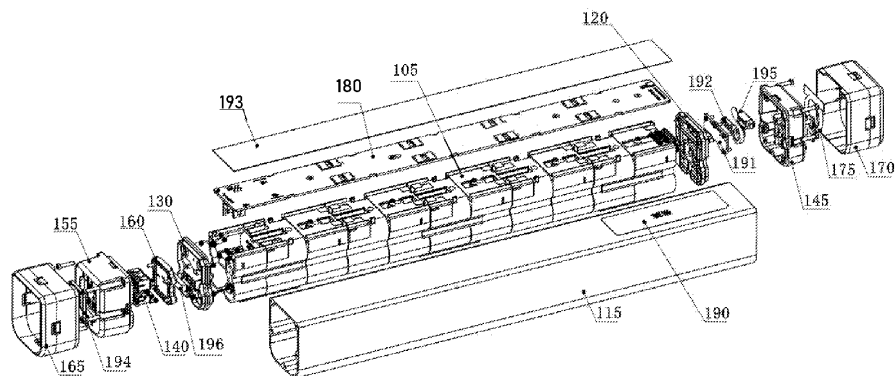


FIG. 1

(57) Abstract: Aspects concern a battery pack for mounting on a vehicle. The battery pack may comprise an elongated cell rack comprising one or more battery cells arranged therein. The battery pack may comprise a tubular battery case at least partially surrounding the elongated cell rack. The battery pack may comprise a top seal cover sealing a top portion of the elongated cell rack. The battery pack may comprise a bottom seal cover arranged at a bottom portion of the elongated cell rack. The battery pack may comprise a female pin receptacle arranged on the bottom seal cover at the bottom portion of the elongated cell rack.

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WO 2021/188041 A1

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