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Each battery case also needs a lid, which is manufactured in a stamping operation. "The part itself is not very complicated", R&#246;ver says, "but in the downstream process a lot of assembly work has to be done." However, some steps can be integrated into the forming process - the burst valve, for example: "Usually, a foil is applied ...

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Battery floor shell. The battery housing must offer the largest possible space envelope for the battery modules, while meeting requirements for sealing and mechanical loading. A geometrically simple battery housing can be designed using stainless steels as a deep-drawn shell. The advantage of this approach lies in its sealing and less elaborate ...

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