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(54) DESIGNING AND MANUFACTURING VEHICLE FLOOR TRAYS

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(58) Field of Classification Search

See application file for complete search history.

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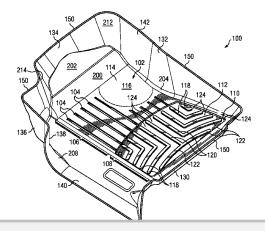
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(57) ABSTRACT

The three-dimensional positions of points on a surface of a vehicle foot well are digitally measured and are stored in a memory. The stored points are used to construct an electronic model of the vehicle foot well surface. The electronic model of the vehicle foot well surface in turn is used to construct an electronic three-dimensional image of the vehicle floor tray. A vehicle tray data file is created from the electronic three-dimensional image. The data file is in turn used to make a mold for a vehicle floor tray, and vehicle floor trays are manufactured by molding polymer material in the mold.

6 Claims, 12 Drawing Sheets





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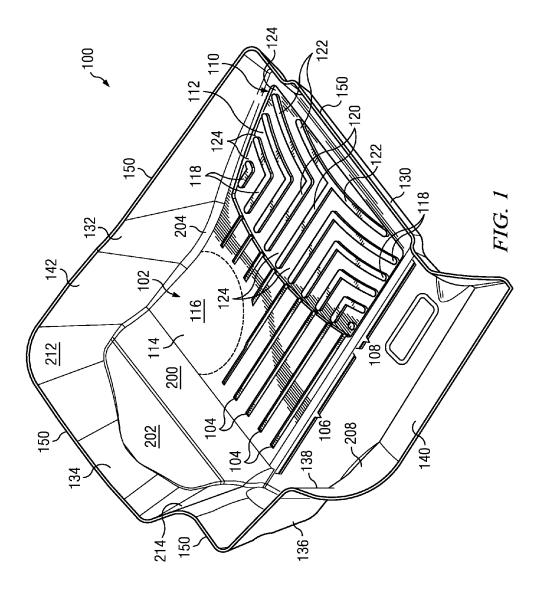
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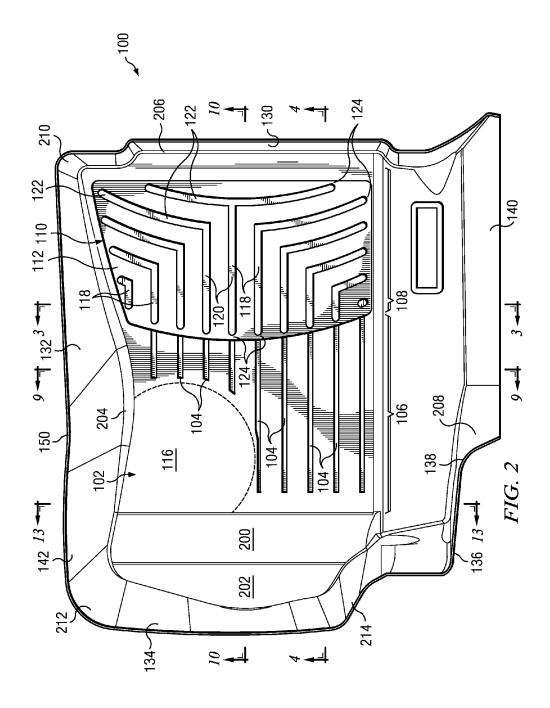
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