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Rejc et al.

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(54) **LIFTGATE INNER DIE CAST WITH INTEGRATED GLASS URETHANE BONDING SURFACE**

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B60Q 1/00 (2006.01)

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(52) **U.S. Cl.**
CPC **B60J 5/107** (2013.01); **B60Q 1/0035** (2013.01)

(57) **ABSTRACT**

(58) **Field of Classification Search**
CPC B60J 5/107; B60J 9/00; B60Q 1/0355
USPC 296/146.8, 146.6, 186.3, 190.11, 193.8, 296/56
See application file for complete search history.

A vehicle liftgate includes a die-cast inner panel. The inner panel includes an upper section and a lower section. The lower section defines a rim, pair of taillight cans, and pair of first bridge members. The rim is disposed about a periphery of the lower section. The rim has a generally "U" shaped cross-section that protrudes in a fore direction from a fore face of the lower section to define a trough in an aft face of the lower section. Each taillight can has an inner portion and an outer portion separated by the trough. Each inner and outer portion has a side wall and a back wall. The side walls offset the back walls in the fore direction from the aft face. Each first bridge member spans the trough between a respective set of the inner and outer portions of each taillight can.

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20 Claims, 10 Drawing Sheets

