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Simon et al.

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(54) **MOVING AXIS COMPARTMENT DOOR**

(56) **References Cited**

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

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CPC .. **B60R 7/046** (2013.01); **B60R 7/04** (2013.01)

(58) **Field of Classification Search**
CPC B60R 7/046; B60R 7/04
USPC 296/37.1, 37.8
See application file for complete search history.

(57) **ABSTRACT**

An assembly for mounting a door with a vehicle compartment includes an arm coupled with the compartment and with the door, a track fixed with the compartment, and a carrier pivotably coupled with the door and slidable along the track. The assembly further includes a spring coupled between the door and the compartment such that a contraction of the spring alone causes the door to move with rotation of the arm and movement of the carrier along the track.

20 Claims, 5 Drawing Sheets

