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Burris

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(54) **COAXIAL CABLE CONNECTOR WITH INTEGRAL RFI PROTECTION**

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(71) Applicant: **Corning Gilbert Inc.**, Glendale, AZ (US)

(72) Inventor: **Donald Andrew Burris**, Peoria, AZ (US)

(73) Assignee: **Corning Gilbert Inc.**, Glendale, AZ (US)

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(57) **ABSTRACT**

(52) **U.S. Cl.**
CPC **H01R 9/05** (2013.01); **H01R 9/0521** (2013.01); **H01R 13/622** (2013.01); **H01R 4/304** (2013.01)

A coaxial cable connector for coupling an end of a coaxial cable to a terminal and providing RF shielding is disclosed. The coaxial cable connector has a coupler, body, post and/or retainer with an integral contacting portion that is monolithic with at least a portion of the post or retainer to establish electrical continuity. In this way, electrical continuity is established through the coupler, the post, and/or the retainer of the coaxial cable connector other than by the use of a component unattached from the coupler, the post, the body, and the retainer to provide RF shielding such that the integrity of an electrical signal transmitted through coaxial cable connector is maintained regardless of the tightness of the coupling of the connector to the terminal. When assembled the coupler and post or retainer provide at least one circuitous path resulting in RF shielding such that spurious RF signals are attenuated.

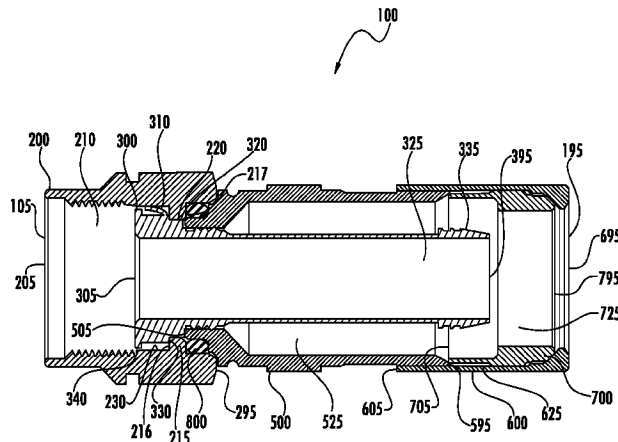
(58) **Field of Classification Search**
USPC 439/585, 578, 582–584
See application file for complete search history.

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23 Claims, 23 Drawing Sheets

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