

Title (en)

COAXIAL CONNECTOR FOR A CAR AERIAL CABLE

Publication

**EP 0303011 A3 19900620 (DE)**

Application

**EP 88108747 A 19880601**

Priority

DE 3727116 A 19870814

Abstract (en)

[origin: US4857014A] To connect an old-model antenna receptacle (40) to a new-model car radio antenna connector (50), a unitary conversion plug is provided which has an outer tubular conductor (19) secured over an insulating sleeve (20), formed with a central opening within which an inner conductor (12, 18) is located. The inner conductor has a pin portion (18) projecting from and fitting into the old-model receptacle, and a bushing-like receptacle portion (15), electrically coupled directly or via a capacitor (FIGS. 7-11) to the pin portion, the bushing-like receptacle portion being adapted to receive a central connecting pin of the new-model antenna plug (50). The outer conductor (19) has a first connecting portion (13) dimensioned to fit into an outer bushing terminal (40a) of the old-model receptacle and a second connecting portion (16) dimensioned to fit into a cup-shaped connecting element (51) of the new-model antenna plug, the elements being respectively retained on the tubular insulating sleeve by barbs, rolled-over surfaces, and stepped regions, and axially dimensioned to fit into the old-model receptacle and project just enough therefrom to permit placement of the new-model plug thereover.

IPC 1-7

**H01R 9/05**

IPC 8 full level

**H01R 9/05** (2006.01)

CPC (source: EP US)

**H01R 9/0518** (2013.01 - EP US)

Citation (search report)

- [Y] DE 8617227 U1 19860814
- [Y] DE 7732622 U1 19780126
- [A] DE 8434813 U1 19850502
- [A] DE 3317202 A1 19841115 - HIRSCHMANN RADIOTECHNIK [DE]

Cited by

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