

Title (en)
ANTENNA STRUCTURES

Publication
EP 0170547 B1 19891011 (FR)

Application
EP 85401167 A 19850613

Priority
FR 8409316 A 19840614

Abstract (en)
[origin: EP0170547A1] 1. An antenna structure of the kind comprising : An elongated support member (200), A number of conductors (300), and Connectors (100) provided in number corresponding to the number of conductors (300) and adapted to be rigidly connected to the support member and to guide the respectively associated conductors (300) in rotation relatively to the support member between an inoperative folded-down position, in which each conductor is parallel to the support member (200), and an open operative position in which the various conductors are parallel to one another are perpendicular to the elongated support member (200), each connector also retaining the conductors in the open operative position by snap action ; characterised in that Each conductor (300) is embodied by a substantially straight element having a curved central part (310) ; Each connector (100) comprises : a main central element (110) by which the connectors (100) are secured to the support member (200) ; and two opposite arms (120; 130) transverse to the support member (200), the main element (110) having a substantially cylindrical central sleeve (112) around which extends a cavity (111) opening on to opposite surfaces of the main element (110) and adapted to receive the curved central part (310) of a conductor (300) for rotation between its folded and open positions, and The arms (120, 130) are each formed with an elongated recess (122, 132; 123, 133) which extends into the cavity (111) in the main element (110) and on to opposite side surfaces of the connector (100) to receive an associated conductor (300), each recess having a restriction for retaining the conductors in the open operative position by snap action.

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H01Q 19/04

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