

Title (en)
SUMMING NETWORK AND STUB

Title (de)
SUMMIERNETZWERK UND QUERELEMENT

Title (fr)
RESEAU SOMMATEUR ET ADAPTATEUR

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Abstract (en)
[origin: WO9809340A1] The present invention relates to a stub for tuning a summing network of a base station, which stub (1) comprises: a connector (9) for connecting the stub to the summing network, an elongated centre conductor (7) whose first end is connected to a first pole of the connector (9), and a substantially tubular conductor (8) encompassing the centre conductor (7), the tubular conductor being arranged concentrically with the centre conductor, and whose first end is connected to a second pole of the connector (9). To achieve an easily adjustable stub, the stub (1) comprises a moveable section (11) which is manufactured of a low-loss dielectric or ferrimagnetic material encompassing at least the centre conductor (7), and which is moveable in the longitudinal direction of the centre conductor (7) for adjusting the phase angle of a wave reflecting from the stub (1) of the summing network.

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