

Title (en)
ANTENNA ASSEMBLY COMPRISING A SURFACE DIPOLE

Title (de)
ANTENNENANORDNUNG MIT EINEM FLÄCHENDIPOL

Title (fr)
ENSEMBLE ANTENNE POURVU D'UN DIPOLE PANNEAU

Publication
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Application
EP 03750529 A 20030911

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Abstract (en)
[origin: WO2004027929A1] The invention relates to an improved antenna assembly, characterised by the following features: the opposing end regions (9) of the dipole halves (1') are each electrically connected to a respective connection line (49a, 49b); the connection lines (49a, 49b) lead to two amplifiers (53a, 53b); the outputs of both amplifiers (53a, 53b) are connected to the two inputs of a transformer (55), whose output is at least indirectly electrically connected to a connector (61), preferably a coaxial connector (61); one or more filters (51, 57, 59) are provided; the filters (51, 57, 59) are positioned between the connection lines (49a, 49b) and the connector terminal (61); the filter or filters (51, 57, 59) is/are designed to suppress mobile radio frequency ranges and/or to protect broadcasting signals.

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