Title (en)

DETACHABLE WHIP ANTENNA, WITH CAPACITIVE LOAD, AND METHOD FOR MAKING A RADIATING SEGMENT OF SUCH AN ANTENNA

Title (de)

DEMONTIERBARE KAPAZITIV BELASTETE STABANTENNE, UND VERFAHREN ZUR HERSTELLUNG EINES STRAHLENDEN SEGMENTS EINER SOLCHEN ANTENNE

Title (fr)

ANTENNE DEMONTABLE, A CHARGE CAPACITIVE, DE TYPE FOUET ET PROCEDE DE FABRICATION D'UN SEGMENT RAYONNANT D'UNE TELLE ANTENNE

Publication

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Application

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Abstract (en)

[origin: US6404396B1] The invention concerns detachable whip antennae with capacitive load wherein the load does not need to contribute to the antenna mechanical strength. To achieve this, the entire load (3) is inserted in the conductor strand (2f-21-33-32-2n) of a radiating segment of the antenna, the mechanical strength being provided by a hollow plastic insulating tube (20) reinforced with glass fibres, which acts as support for the conductor strand and as housing for the load and said load consists of a metal enclosure (33) wherein penetrates the insulated part of an electric cable (32).The invention is particularly applicable to whip antennae designed for mobile stations.

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IPC 8 full level

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