

Title (en)
PIFA ANTENNA DEVICE FOR MOBILE COMMUNICATION TERMINALS

Title (de)
PIFA-ANTENNENVORRICHTUNG FÜR MOBILE KOMMUNIKATIONSENDGERÄTE

Title (fr)
DISPOSITIF D'ANTENNE PIFA POUR TERMINAUX DE COMMUNICATION MOBILES

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Application
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Abstract (en)
[origin: WO0243182A1] The invention relates to a PIFA antenna device (A) consisting of a HF input/output (S1) and two antenna surfaces (P1, P2) respectively having a contact (G1, G2) with the ground of a mobile communication terminal. The first antenna surface (P1) is configured for two independent frequencies and the second antenna surface (P2) is configured for a third independent frequency. The invention is characterized in that only the first antenna surface (P1) is connected to the HF input/output (S1) and the second antenna surface (P2) is arranged in a contactless manner with respect to the first antenna surface (P1), whereby an electromagnetic coupling occurs between both antenna surfaces (P1, P2).

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