

Title (en)
MULTIPLE FREQUENCY ANTENNA

Title (de)
MEHRFREQUENZ-ANTENNE

Title (fr)
ANTENNE A FREQUENCES MULTIPLES

Publication
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Application
EP 97939221 A 19970908

Priority
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Abstract (en)
[origin: WO9811624A1] In order to stably receive GPS signals and to be attached to an arbitrary position of a car body, a GPS antenna (10) is incorporated in a cover (2) together with a matching substrate (9), etc. An antenna element (1) is connected to the substrate (9). Since the substrate (9), etc., are erected, the grounding effect of the antenna (10) is improved and, at the same time, the antenna (10) does not receive any adverse influence even when the elevation angle to a GPS satellite is low. Since the antenna element (1) is connected to the substrate (9) at an angle from the vertical line, the antenna (10) does not receive any adverse influence even when the elevation angle to the GPS satellite becomes lower.

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H01Q 5/00; **H01Q 1/22**; **H01Q 21/30**

IPC 8 full level
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CPC (source: EP KR)
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Citation (search report)
• No further relevant documents disclosed
• See references of WO 9811624A1

Cited by
EP1760826A3; EP1667277A4; DE19856056A1; EP1612886A1; EP1557905A1; EP1528624A1; EP1187253A4; FR3084326A1; EP1492195A1; DE19958481C2; DE102005033177A1; EP1429415A3; EP1441413A1; EP2078323A4; EP1411585A1; DE10221877A1; EP1355375A1; DE10238511C1; EP2903085A4; US7501988B2; US10164327B2; US7019701B2; US7492319B2; US6930643B2; WO2021089223A1; WO0035045A1; US7429958B2; US9184488B2; US7633452B2; US7119752B2; US6933899B2; US9954274B2; US7304614B2; US6999033B2; US10008767B2; WO03098735A1; WO0079642A1; EP1135830B1; DE20221959U1; US7193572B2; US6879294B2; US6271797B2; EP4046238B1

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