

Title (en)

Active broadband vehicle receiving antenna

Title (de)

Aktive Breitband-Fahrzeugempfangsantenne

Title (fr)

Antenne active réceptrice d'un vehicule à large bande

Publication

EP 1246294 B1 20130522 (DE)

Application

EP 02004597 A 20020228

Priority

DE 10114769 A 20010326

Abstract (en)

[origin: EP1246294A2] A frequency-dependent effective length has output connectors linked to input connectors on an amplifier circuit (21) that has a field effect transistor (2) and a low-loss filter circuit (3) with an input admittance (7). At its input the filter circuit connects to a source connection for the field effect transistor. At its output (4) an HF receiving signal (8) is decoupled and the low-loss filter circuit is charged with an effective resistance acting at its output.

IPC 8 full level

H01Q 1/12 (2006.01); **H01Q 3/24** (2006.01); **H01Q 1/32** (2006.01); **H01Q 23/00** (2006.01); **H04B 1/18** (2006.01)

CPC (source: EP US)

H01Q 1/1278 (2013.01 - EP US); **H01Q 23/00** (2013.01 - EP US)

Citation (examination)

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- HEINZ LINDENMEIER: "Wirkungsweise und Leistungsvermögen moderner Autoantennen", NACHRICHTENTECHNISCHE ZEITSCHRIFT N.T.Z., vol. 27, no. 1, 1 January 1974 (1974-01-01), pages 17 - 23, XP001386476
- LINDENMEIER H ET AL: "Elektronische Autoantennen - heute", FUNKSCHAU., vol. 48, no. 14, 1 July 1976 (1976-07-01), pages 68 - 70, XP001389207

Cited by

EP1406349A3; DE102012003460A1; WO2012123125A1

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