

Title (en)

MULTI-STRUCTURE BROADBAND MONOPOLE ANTENNA FOR TWO FREQUENCY BANDS IN THE DECIMETER WAVE RANGE SEPARATED BY A FREQUENCY GAP, FOR MOTOR VEHICLES

Title (de)

MEHRSTRUKTUR-BREITBAND-MONOPOLANTENNE FÜR ZWEI DURCH EINE FREQUENZLÜCKE GETRENNTE FREQUENZBÄNDER IM DEZIMETERWELLENBEREICH FÜR FAHRZEUGE

Title (fr)

ANTENNE UNIPOLAIRE À BANDE LARGE À STRUCTURE MULTIPLE POUR DEUX BANDES DE FRÉQUENCE SÉPARÉES PAR UN ESPACE BLANC DANS LA PLAGE D'ONDES DÉCIMÉTRIQUES, DESTINÉE À DES VÉHICULES

Publication

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Application

EP 15766456 A 20150917

Priority

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- EP 2015071294 W 20150917

Abstract (en)

[origin: WO2016042061A1] The invention relates to a vertical broadband monopole antenna for vehicles, for two frequency bands separated by a frequency gap, said antenna having a first capacity top and a further capacity top, which is capacitively coupled to the first capacity top, wherein the further capacity top has at least one inductive high-resistance conductive strip, which extends to a conductive ground surface and is conductively connected thereto at its lower end.

IPC 8 full level

H01Q 1/32 (2006.01); **H01Q 1/38** (2006.01); **H01Q 5/378** (2015.01); **H01Q 9/36** (2006.01); **H01Q 9/40** (2006.01); **H01Q 9/42** (2006.01)

CPC (source: CN EP US)

H01Q 1/32 (2013.01 - US); **H01Q 1/3275** (2013.01 - CN EP US); **H01Q 1/38** (2013.01 - CN EP US); **H01Q 5/378** (2015.01 - CN EP US); **H01Q 9/36** (2013.01 - CN EP US); **H01Q 9/40** (2013.01 - CN EP US); **H01Q 9/42** (2013.01 - CN EP US)

Citation (search report)

See references of WO 2016042061A1

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