Title (en)

Usage of an inverted-L antenna in a motor vehicle

Title (de)

Verwendung einer invertierten L-Antenne in einem Kraftfahrzeug

Title (fr)

Utilisation d'une antenne en L inverse dans une véhicule automobile

Publication

EP 1575125 A1 20050914 (DE)

Application

EP 05003970 A 20050224

Priority

- DE 102004011970 A 20040310
- DE 102004027692 A 20040607

Abstract (en)

The inverted L-shaped antenna for use in a vehicle is electromagnetically connected to a magnetic strip conductor in a non-contact manner. The antenna (1,5) is affixed in the region of a flat part (4) of the vehicle made of an electromagnetically transparent material. This flat part is a part of the outer body of the vehicle. The antenna is located underneath this flat part and is independent from it as far as manufacturing technology is concerned.

Abstract (de)

Die vorliegende Erfindung betrifft die Verwendung einer invertierten L-Antenne in einem Kraftfahrzeug, die berührungslos, elektromagnetisch an eine Mikrostreifenleitung gekoppelt ist, wobei die invertierte L-Antenne im Bereich eines flächigen Teiles des Kraftfahrzeugs aus einem elektromagnetisch transparenten Material angebracht ist, wobei die L-Antenne fertigungstechnisch unabhängig von dem genannten Teil ist. <IMAGE>

IPC 1-7

H01Q 9/04; H01Q 21/30

IPC 8 full level

H01Q 1/32 (2006.01); **H01Q 9/04** (2006.01); **H01Q 21/30** (2006.01)

CPC (source: EP US)

H01Q 1/325 (2013.01 - EP US); **H01Q 9/0421** (2013.01 - EP US); **H01Q 9/0457** (2013.01 - EP US); **H01Q 21/30** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

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DOCDB simple family (publication)

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