

Title (en)

Method of data transmission and antenna system especially for traffic communication systems and circuit device

Title (de)

Datenübertragungsverfahren und Antennensystem insbesondere für verkehrstechnische Kommunikationssysteme sowie Schaltungsanordnung

Title (fr)

Procédé de transmission de données et système d'antenne en particulier pour systèmes de communication de circulation et circuit

Publication

EP 0747995 A3 19971022 (DE)

Application

EP 96810372 A 19960606

Priority

CH 169795 A 19950609

Abstract (en)

[origin: EP0747995A2] The communication system uses a tuned antenna system (AS1a) which is selectively tuned to at least 2 frequencies, via switched impedances (Ct), with frequency modulation of the transmitted signal in dependence on the data. The resonance frequency of the tuned antenna system and the transmission signal frequency are sufficiently close to ensure transmission of the transmitted signal without attenuation. Pref. the transmitted signal is modulated before transmission via a frequency-shift-keying modulation method.

IPC 1-7

H01Q 21/30; **H01Q 1/32**

IPC 8 full level

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

CPC (source: EP)

H01Q 1/3225 (2013.01); **H01Q 21/30** (2013.01)

Citation (search report)

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- [X] EP 0535363 A2 19930407 - SIEMENS AG [DE]
- [X] US 4799066 A 19890117 - DEACON MALCOLM J [GB]
- [A] WO 9411754 A1 19940526 - SIEMENS AG ALBIS [CH], et al
- [E] WO 9632755 A1 19961017 - SIEMENS SCHWEIZ AG [CH], et al

Cited by

EP0960797A3; CN106448224A

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0747995 A2 19961211; **EP 0747995 A3 19971022**

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