

Title (en)

VEHICLE COMMUNICATION SYSTEM USING ROADWAY LOOPS

Publication

EP 0290161 A3 19890628 (EN)

Application

EP 88303508 A 19880419

Priority

US 4783387 A 19870508

Abstract (en)

[origin: EP0290161A2] A method and system for transferring information between a moving vehicle and a stationary information location having a vehicle detector system with a loop antenna by using the loop antenna as either the receiving antenna for signals transmitted from a moving vehicle or as the transmitting antenna for signals generated by a transmitter located at the vehicle detector site for transfer to a receiver mounted on a moving vehicle. The information is encoded on a carrier having a frequency outside the normal frequency range of the vehicle detector system, preferably by interrupted carrier pattern processing.

IPC 1-7

G08G 1/09; **G08G 1/01**

IPC 8 full level

H04B 7/26 (2006.01); **G08G 1/042** (2006.01); **G08G 1/09** (2006.01); **G08G 1/0967** (2006.01)

CPC (source: EP)

G08G 1/042 (2013.01); **G08G 1/094** (2013.01); **G08G 1/096716** (2013.01); **G08G 1/096758** (2013.01); **G08G 1/096783** (2013.01)

Citation (search report)

- [Y] EP 0096252 A2 19831221 - FLINTAB AB [SE]
- [A] EP 0126958 A2 19841205 - BOSCH GMBH ROBERT [DE]
- [A] GB 2138613 A 19841024 - SARASOTA AUTOMATION
- [Y] PHILIPS TELECOMMUNICATION REVIEW, vol. 41, no. 3, September 1983, pages 235-249, Hilversum, NL; N. VAN TOL et al.: "VECOM short-range communication with vehicles"
- [A] WIRELESS WORLD, vol. 81, no. 1474, June 1975, pages 269-270, Haywards Heath, Sussex, GB; "Aid for drivers"

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CN1084119C; CN114241767A; WO9600958A1

Designated contracting state (EPC)

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