

Title (en)

Arrangement in a mobile system, for example a system for short-range communication.

Title (de)

Anordnung in einer mobilen Anlage, zum Beispiel in einer Kommunikationsanlage geringer Reichweite.

Title (fr)

Agencement dans un système mobile, par exemple un système de communication à faible portée.

Publication

EP 0644518 A3 19960626 (EN)

Application

EP 94850145 A 19940829

Priority

SE 9302983 A 19930914

Abstract (en)

[origin: EP0644518A2] In a mobile system of the RTI type, that is to say a system of short-range communication, between a vehicle and the roadside, beacons or radio beacons are utilized. Information on traffic, for example vehicle traffic, is exchanged between the said beacons and the mobile units when the latter pass respective beacons. At least some of the beacons of the mobile system (1) are of the virtual type (VB). This means that positions (P) which represent the said virtual beacons (VB) are specified in the system, preferably in centrally placed elements (VB'). An alternative medium (2) cooperates in order to access data between a respective mobile unit (M2) and a respective virtual beacon (VB). <IMAGE>

IPC 1-7

G08G 1/0967; **G08G 1/127**

IPC 8 full level

G08G 1/0967 (2006.01); **G08G 1/127** (2006.01)

CPC (source: EP)

G08G 1/096716 (2013.01); **G08G 1/096758** (2013.01); **G08G 1/096783** (2013.01); **G08G 1/127** (2013.01)

Citation (search report)

- [A] US 5173710 A 19921222 - KELLEY DAVID C [US], et al
- [DA] EP 0242099 A2 19871021 - ADVANCED STRATEGICS INC [US]
- [A] EP 0501058 A2 19920902 - BY WORD TECHNOLOGIES INC [US]
- [A] WALL N: "INTEGRATED COMMUNICATIONS ARCHITECTURE FOR ROAD TRANSPORT INFORMATICS", PROCEEDINGS OF THE VEHICLE NAVIGATION AND INFORMATION SYSTEMS CONFERENCE, DEARBORN, OCT. 20 - 23, 1991, vol. PART 2, 1 October 1991 (1991-10-01), INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, pages 923 - 928, XP000357197
- [PX] WICHTEL E ; AKKE M ; ANDERSSON T: "Virtual beacons for RTI/IVHS data distribution", VTC 1994. 'CREATING TOMORROW'S MOBILE SYSTEMS'. 1994 IEEE 44TH VEHICULAR TECHNOLOGY CONFERENCE (CAT. NO.94CH3438-9), PROCEEDINGS OF IEEE VEHICULAR TECHNOLOGY CONFERENCE (VTC), vol. 1, 8 June 1994 (1994-06-08) - 10 June 1994 (1994-06-10), STOCKHOLM, SWEDEN, pages 396 - 400, XP002001655

Cited by

EP1071059A1; FR2796745A1; US11341850B2; WO2019245375A1; WO9630883A1

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