

Title (en)

Probe-car system using beacon and an apparatus

Title (de)

Prüffahrzeugsystem welcher eine Bake und eine Vorrichtung benutzt

Title (fr)

Système d' une voiture sonde utilisant une balise et un dispositif.l.

Publication

EP 1632924 A1 20060308 (EN)

Application

EP 04020815 A 20040902

Priority

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Abstract (en)

The present invention provides a probe-car system in which beacons are used to efficiently collect measurement data from an FCD on-vehicle apparatus. There are provided an on-board unit of a probe-car 121 which selects one of second information (1) of measurement information measured during running and road section reference data indicating a measurement section of the measurement information and first information (3) of the measurement information, and uploads it to a beacon 123, and a center apparatus which collects the measurement information from the on-board unit of a probe-car 121 through the beacon 123. In this system, when the probe-car 121 runs along an installation route of beacons 122 and 123 and passes through under the downstream side beacon 123, only the measurement information is transmitted, so that the data amount of the measurement information can be increased, and the detailed measurement information can be transmitted. When the probe-car 121 runs along a bypass, the swept path of the bypass and the measurement information are uploaded to the downstream side beacon 123, so that the center apparatus can utilize it as the measurement information of the bypass.

IPC 8 full level

G08G 1/0967 (2006.01)

CPC (source: EP)

G08G 1/096791 (2013.01)

Citation (search report)

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- [X] US 4350970 A 19820921 - VON TOMKEWITSCH ROMUALD
- [X] US 2003187571 A1 20031002 - IMPSON JEREMY D [US], et al

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