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(54) **Standard taximeter using GPS technology**

(57) The system permits verification of the functioning of a taximeter located in a taxi. The verification consists of checking that the tariffs calculated by the taximeter located in the taxi fall within the limits established by legislation, a problem that arises whenever the taximeter needs to be repaired and when a change takes place in the price of the tariffs (annually, following the appropriate official publication).

The system consists of a GPS receiver (1), an antenna (2), a microprocessor (3), an LCD panel (4), a keypad (5), a communications port (6) and a battery (7).

The GPS receiver (1) is in turn connected to: the antenna (2), the microprocessor (3), the LCD panel (4), the keypad (5) and the communications port (6).

The verification of the functioning of the taximeter is carried out by the system forming the object of this patent while the taxi is making a trip, processing the data line for position, speed and time which is picked up by the GPS receiver, with the taximeter of the taxi independently calculating the tariffs.

Control of the standard taximeter is by means of the keypad (5) and the display of the data is carried out in the LCD panel (4). By means of the communications port (6) the data in the system is transmitted to a personal computer. The battery (7) feeds the remaining devices of the system.

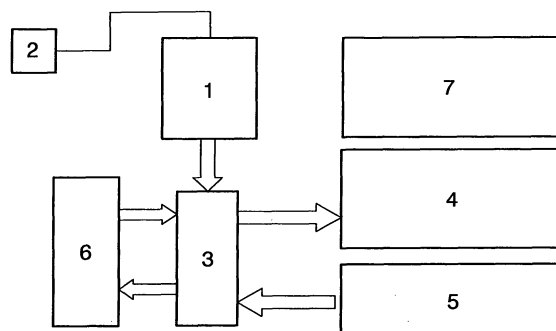


FIG. 1



EUROPEAN SEARCH REPORT

Application Number
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| | | | TECHNICAL FIELDS SEARCHED (IPC) |
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| The present search report has been drawn up for all claims | | | |
| Place of search Munich | | Date of completion of the search 1 July 2009 | Examiner Paraf, Edouard |
| <p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p> | | | |

3
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**ANNEX TO THE EUROPEAN SEARCH REPORT
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EP 08 38 0283

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