

Title (en)

Standard taximeter using GPS technology

Title (de)

Standardtaxameter unter Verwendung von GPS-Technologie

Title (fr)

Taximètre standard utilisant la technologie GPS

Publication

EP 2053561 A2 20090429 (EN)

Application

EP 08380283 A 20081006

Priority

ES 200702781 A 20071015

Abstract (en)

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.

IPC 8 full level

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CPC (source: EP ES)

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Designated contracting state (EPC)

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DOCDB simple family (publication)

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