

ABSTRACT

A PARKING FEE MONITORING AND COLLECTION MEANS

A parking fee monitoring and collection means comprising an in-vehicle parking meter (2) which can be associated with a portable memory means (1); an enforcement means (3); and a top-up means (4); the portable storage means (1) having a first memory adapted to store a credit value and also adapted to store data related to car park owners, previous transactions and car park pricing parameters; the in-vehicle parking meter (2) having a second memory (8) of a corresponding form as the first memory, a processor (11), and a communication means (7); the processor being adapted to calculate a parking fee according to the car park pricing parameters and the particulars of the parking bay, the time of day, the day of the year and the parked time, to debit the parking fee from the memory device; said communication means being adapted to remotely communicate with the enforcement means to provide data to the enforcement means; whereby the enforcement means is able to be used to remotely check the validity of in-vehicle parking meter and to record and print parking offence notices; the top-up machine being adapted to transfer a credit to the first memory device, update the status of the car park pricing parameters in the first memory and obtain transaction data necessary from the portable memory device regarding previous transactions.

Figure 1

This Sheet Has Been Replaced

