

A DEVICE FOR AUTO-IDENTIFYING THE VEHICLES PARKING ILLEGALLY IN RESERVED PARKING LOTS

ABSTRACT

A device (1) comprising at least a memory (3) to store a list of authorized vehicles with associated reserved parking lots' information; a vehicle ID reader (6) to capture vehicle IDs; a parking lot identifier (7) to produce parking lot information; one equipment interface (5) coupled to the vehicle ID reader and the parking lot identifier to receive the information of a parking lot and an ID of the vehicle parking in the parking lot; a microprocessor (2) to receive information from the equipment interface and to compare the received information with the data stored in the memory for identifying if an illegal parking has occurred; a clock (4) providing time stamps for events and records; a power supply unit (8) to energize all components in the device.

Figure 1.