

Title (en)

Automatic parking permission time information system

Title (de)

Automatisches Parkzeit Informationssystem

Title (fr)

Système automatique d'information de temps de stationnement

Publication

EP 1638053 B1 20080716 (EN)

Application

EP 04022295 A 20040920

Priority

EP 04022295 A 20040920

Abstract (en)

[origin: EP1638053A1] A vehicle mount device 10 reads the balance of an inserted IC card 20 to transmit data to a roadside device 1. The roadside device 1 calculates and transmits a parking permission time in accordance with balance to the vehicle mount device 10. The vehicle mount device 10 outputs the parking permission time from a display part 15 and a speaker 17. The vehicle mount device 10 monitors an elapse time on the basis of time data from a time measuring part 18. When the elapse time exceeds the parking permission time upon leaving a parking place, the vehicle mount device informs a user of the above-described fact and an insufficient charge. When the parking permission time passes, the roadside device may inform the user of the lapse of the parking permission time through a portable telephone.

IPC 8 full level

G07B 15/02 (2006.01); **G07C 1/30** (2006.01)

CPC (source: EP)

G07B 15/02 (2013.01); **G07C 1/30** (2013.01)

Citation (examination)

- EP 0755027 A2 19970122 - TOYOTA MOTOR CO LTD [JP]
- EP 1146482 A2 20011017 - DENSO CORP [JP]
- US 2004104267 A1 20040603 - TAKAKI TAKU [JP], et al

Cited by

CN105321213A; ITTO20131023A1; WO2015087363A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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