Title (en)

Method for automatically recording and charging the use of a chargeable park area

Title (de)

Verfahren zur automatisierten Erfassung und Abrechnung der Benutzung eines kostenpflichtigen Parkbereichs

Title (fr)

Procédé destiné à l'enregistrement et au calcul automatisés de l'utilisation d'une zone de stationnement payante

Publication

EP 1785945 A1 20070516 (DE)

Application

EP 05023204 A 20051025

Priority

EP 05023204 A 20051025

Abstract (en)

The method involves discretely transmitting data packets via a wireless unidirectional communication link (16) by a transmission device (12) in the region of a pay parking area (14). The data packets are received by a user terminal arranged in a motor vehicle (10), which is parked in the parking area, and are further processed, where the data packets contain information such as user`s identification number, a sequence number, date, time and/or place. A display is activated by a special data packet. Independent claims are also included for the following: (1) a transmission device for a method for recording and billing for the use of a pay parking area (2) a user terminal for a method for recording and billing for the use of a pay parking area (3) a supplementary unit with an interface (4) a method for operating a supplementary unit (5) a method for checking the status of a user terminal.

IPC 8 full level

G07B 15/02 (2006.01)

CPC (source: EP US)

G07B 15/02 (2013.01 - EP US)

Citation (search report)

- [XY] DE 19757462 A1 19990624 - VIJAYAKUMAR JEYE [DE]
- [Y] WO 0248975 A1 20020620 - BLUE LEMON TECHNOLOGY AB [SE], et al
- [X] US 5351187 A 19940927 - HASSETT JOHN J [US]
- [XA] FR 2680263 A1 19930212 - TELECOM SYSTEMES MOBILES SA [FR]
- [A] US 2002109610 A1 20020815 - KATZ YORAM [US]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1785945 A1 20070516; US 2007112621 A1 20070517; WO 2007048619 A1 20070503

DOCDB simple family (application)

EP 05023204 A 20051025; EP 2006010354 W 20061025; US 58634706 A 20061025