

Title (en)  
Automatic toll pay system

Title (de)  
Automatisches Mautsystem

Title (fr)  
Système automatique de péage

Publication  
**EP 1583038 B1 20080102 (EN)**

Application  
**EP 04425216 A 20040329**

Priority  
EP 04425216 A 20040329

Abstract (en)  
[origin: EP1583038A1] There is described an automatic toll pay system (1) having an on-vehicle unit (2) installable on a vehicle (3) to receive and memorize toll information; and at least one ground unit (4) installable at a toll point and in turn having a detecting device (13) for detecting passage of one or more vehicles (3) through the toll point, and a transmitting device (7) activated by the detecting device (13), upon detection of one or more vehicles (3), to transmit toll information to the on-vehicle unit (2); the on-vehicle unit (2) having a receiving device (7a) for receiving the toll information transmitted by the ground unit (4), and a transmitting device (7, 10) for transmitting the toll information to a remote unit (5) which processes it to collect the toll of the vehicle (3).

IPC 8 full level  
**G07B 15/06** (2011.01)

CPC (source: EP)  
**G07B 15/063** (2013.01)

Cited by  
WO2011036187A1; CN112562103A; DE102006024729A1; EP2355046A1; DE102005040053A1; EP3259955A4; EP2973435A4; EP3848910A1; EP1975884A4; CN108765602A; US10679429B2; US10291710B2; WO2016055226A1; US9235935B2; EP2133844A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1583038 A1 20051005; EP 1583038 B1 20080102**; AT E382920 T1 20080115; DE 602004011014 D1 20080214; DE 602004011014 T2 20081224; WO 2005093370 A1 20051006

DOCDB simple family (application)  
**EP 04425216 A 20040329**; AT 04425216 T 20040329; DE 602004011014 T 20040329; EP 2005051391 W 20050324