

Title (en)
METHOD FOR OFFERING TIME ON SMART CARD AND METHOD FOR TIME REGISTRATION BY MEANS OF MOBILE COMMUNICATION DEVICE

Title (de)
VERFAHREN ZUM BEREITSTELLEN DER UHRZEIT IN EINER CHIPKARTENEINRICHTUNG UND VERFAHREN ZUR ZEITREGISTRIERUNG MITTELS EINES KOMMUNIKATIONSENDGERÄTS

Title (fr)
PROCEDE PERMETTANT D'OFFRIR DU TEMPS SUR UNE CARTE A PUCE ET PROCEDE PERMETTANT L'ENREGISTREMENT DE TEMPS AU MOYEN D'UN DISPOSITIF DE COMMUNICATION MOBILE

Publication
EP 1597905 A1 20051123 (EN)

Application
EP 04712972 A 20040220

Priority
• BE 2004000023 W 20040220
• BE 0300030 W 20030220
• BE 0300075 W 20030430

Abstract (en)
[origin: WO2004075525A1] A method for offering time on a smart card which is provided for being carried in a host device which comprises at least a first time counter and a gateway for communication with a time server. The method comprises the step of running an algorithm on a processor of the smart card for performing the following steps: reserving a user-inaccessible memory location on the smart card for storing a time; sending a synchronisation time request via the gateway to the time server and, upon receipt of a reply of the time server, extracting a synchronisation time from the reply and storing the synchronisation time as a reference time on the user-inaccessible memory location; starting the first time counter of the host device for counting an elapsed time with respect to the reference time; upon receipt of a present time request, retrieving the elapsed time from the first time counter, calculating a present time on the smart card by adding the elapsed time to the reference time and outputting the present time.

IPC 1-7
H04M 15/00; G06F 1/14; H04Q 7/32; H04M 1/725; G07C 1/10

IPC 8 full level
G07C 1/10 (2006.01); **H04M 17/02** (2006.01)

CPC (source: EP)
G07C 1/10 (2013.01); **H04M 15/30** (2013.01); **H04M 15/8083** (2013.01); **H04M 17/02** (2013.01); **H04M 17/026** (2013.01); **H04W 4/24** (2013.01); **H04M 2215/0184** (2013.01); **H04M 2215/2026** (2013.01); **H04M 2215/32** (2013.01); **H04M 2215/92** (2013.01)

Citation (search report)
See references of WO 2004075525A1

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 PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2004075525 A1 20040902; EP 1597905 A1 20051123

DOCDB simple family (application)
BE 2004000023 W 20040220; EP 04712972 A 20040220