

Title (en)

MOBILE TELEPHONE SYSTEM WITH PREPAID CARD

Title (de)

MOBILTELEFONSYSTEM MIT EINER IM VORAUS BEZAHLTEN KARTE

Title (fr)

SYSTEME DE TELEPHONIE MOBILE AVEC CARTE DE PREPAIEMENT

Publication

**EP 1064777 A1 20010103 (FR)**

Application

**EP 99909020 A 19990317**

Priority

- FR 9900603 W 19990317
- FR 9803482 A 19980320

Abstract (en)

[origin: FR2776454A1] The tariff is recorded within the card, enabling tariff computation without reference to the network itself.- DETAILED DESCRIPTION - The mobile telephone uses a prepaid card, with the card (18) containing rate fixing parameters used by the mobile telephone (16). This allows computation of the amounts to be debited against the counter which records the number of prepaid units held by the card. The message exchanges between the mobile phone and the card are encrypted to ensure the security of transactions, preferably using a cryptographic certificate. The mobile phone also includes a memory for storing the rate parameters for computation, these rates having been read from the card. The cryptographic process used for security is initiated by a random number provided by the telephone network (14)

IPC 1-7

**H04M 17/00**

IPC 8 full level

**H04M 15/00** (2006.01); **H04M 15/30** (2006.01); **H04M 17/00** (2006.01); **H04Q 7/38** (2006.01); **H04W 4/24** (2009.01)

CPC (source: EP)

**H04M 15/30** (2013.01); **H04M 15/47** (2013.01); **H04M 17/00** (2013.01); **H04W 4/24** (2013.01); **H04M 2215/0148** (2013.01); **H04M 2215/2026** (2013.01); **H04M 2215/32** (2013.01)

Citation (search report)

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Cited by

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AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**FR 2776454 A1 19990924**; **FR 2776454 B1 20000519**; AU 2841399 A 19991018; BR 9908904 A 20001128; CA 2323002 A1 19990930; CN 1293861 A 20010502; EP 1064777 A1 20010103; JP 2002508633 A 20020319; WO 9949647 A1 19990930

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**FR 9803482 A 19980320**; AU 2841399 A 19990317; BR 9908904 A 19990317; CA 2323002 A 19990317; CN 99804220 A 19990317; EP 99909020 A 19990317; FR 9900603 W 19990317; JP 2000538495 A 19990317