

Title (en)

SYSTEM AND METHOD FOR SECURED TRANSFERENCE OF TEMPORARY MOBILE SUBSCRIBER INFORMATION

Title (de)

SYSTEM UND VERFAHREN FÜR SICHERE ÜBERTRAGUNG VON ZWISCHENZEITLICHER MOBILNUTZER INFORMATION

Title (fr)

TRANSFERT SECURISE DE L'INFORMATION TEMPORAIRE D'ABONNE DE MOBILE ET SYSTEME A CET EFFET

Publication

EP 1129594 A1 20010905 (EN)

Application

EP 99958568 A 19991108

Priority

- SE 9902019 W 19991108
- US 19101698 A 19981112

Abstract (en)

[origin: WO0030391A1] The present invention is directed to telecommunications systems and methods for preventing the tracking of subscriber's movements through the interception of temporary identifiers utilized in network (10) access by and in interaction with mobile stations (20). In a preferred embodiment of the present invention, a mobile station (20) and the subscriber network (10) synchronize a pseudo random number generator, the initial seed value for which is exchanged. Subsequent temporary identifiers for the mobile station (20) are derived from successive values of a shared pseudo random number generator algorithm.

IPC 1-7

H04Q 7/38; H04L 9/22

IPC 8 full level

H04L 9/32 (2006.01); **H04L 9/12** (2006.01); **H04L 12/22** (2006.01); **H04L 12/56** (2006.01); **H04M 3/42** (2006.01); **H04W 12/00** (2009.01)

CPC (source: EP)

H04L 9/0662 (2013.01); **H04L 9/12** (2013.01); **H04L 63/0407** (2013.01); **H04W 12/02** (2013.01); **H04L 2209/80** (2013.01)

Citation (search report)

See references of WO 0030391A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

WO 0030391 A1 20000525; AU 1590700 A 20000605; CN 1333987 A 20020130; EP 1129594 A1 20010905; JP 2002530960 A 20020917

DOCDB simple family (application)

SE 9902019 W 19991108; AU 1590700 A 19991108; CN 99815600 A 19991108; EP 99958568 A 19991108; JP 2000583285 A 19991108