

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
25 January 2007 (25.01.2007)

PCT

(10) International Publication Number
WO 2007/010404 A2

- (51) International Patent Classification: **Not classified**
- (21) International Application Number:
PCT/IB2006/002752
- (22) International Filing Date: 2 March 2006 (02.03.2006)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
60/657,798 2 March 2005 (02.03.2005) US
- (71) Applicant (for all designated States except US):
ROAMWARE, INC. [US/US]; 3031 Tisch Way, Suite
1000, San Jose, CA 95128 (US).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): **JIANG, Yue, Jun**
[GB/US]; 4114 Sugar Maple Dr., Danville, CA 94506
(US).
- (74) Agents: **CHESSER, Wilburn, L.** et al.; Arent Fox,
PLLC., 1050 Connecticut Avenue, N.W. #400, Washing-
ton, DC 20036-5339 (US).
- (81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV,
LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI,
NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG,
SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US,
UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT,
RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA,
GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:**
— without international search report and to be republished
upon receipt of that report
- For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: DYNAMIC GENERATION OF CSI FOR OUTBOUND ROAMERS

(57) Abstract: The present invention provides a system and method for providing Customized Applications for Mobile network Enhanced Logic (CAMEL) Subscription Information (CSI) of an outbound roamer of a Home Public Mobile Network (HPMN) such that the outbound roamer is roaming in a Visited Public Mobile Network (VPMN). The system comprises a roamers database storing an outbound roamer record of at least one outbound roamer, wherein the outbound roamer record comprises at least the International Mobile Subscriber Identity (IMSI) of the outbound roamer. The system further comprises a detection block to detect whether provisioning of the CSI is required for the outbound roamer and a CSI generation block to generate the CSI of the outbound roamer based on at least the IMSI of the outbound roamer, if the provisioning of the CSI is required. The system further comprises a provisioning block to provision the generated CSI of the outbound roamer to at least one CSI storing node.



WO 2007/010404 A2