

Title (en)

APPARATUS AND METHOD FOR SIGNALING ENHANCED SECURITY CONTEXT FOR SESSION ENCRYPTION AND INTEGRITY KEYS

Title (de)

VORRICHTUNG UND VERFAHREN ZUR SIGNALISIERUNG EINES ERWEITERTEN SICHERHEITSKONTEXTS FÜR SITZUNGSVERSCHLÜSSELUNG UND INTEGRITÄTSSCHLÜSSEL

Title (fr)

APPAREIL ET PROCÉDÉ POUR LA SIGNALISATION D'UN CONTEXTE DE SÉCURITÉ AMÉLIORÉ POUR CLÉS DE CHIFFREMENT ET D'INTÉGRITÉ DE SESSION

Publication

EP 2559276 A2 20130220 (EN)

Application

EP 11738847 A 20110415

Priority

- US 201113084378 A 20110411
- US 32464610 P 20100415
- US 2011032755 W 20110415

Abstract (en)

[origin: WO2011130682A2] Disclosed is a method for establishing an enhanced security context between a remote station and a serving network. In the method, the remote station forwards a first message to the serving network, wherein the first message includes an information element signaling that the remote station supports an enhanced security context. The remote station generates at least one session key, in accordance with the enhanced security context, using the information element. The remote station receives, in response to the first message, a second message having an indication that the serving network supports the enhanced security context. The remote station, in response to the second message, has wireless communications protected by the at least one session key.

IPC 8 full level

H04W 12/04 (2009.01); **H04L 29/06** (2006.01)

CPC (source: BR EP KR US)

H04L 63/06 (2013.01 - BR EP KR US); **H04W 12/04** (2013.01 - KR); **H04W 12/041** (2021.01 - EP US); **H04W 88/02** (2013.01 - KR); **H04W 88/14** (2013.01 - KR); **H04L 2463/061** (2013.01 - BR EP KR); **H04W 88/02** (2013.01 - BR EP); **H04W 88/14** (2013.01 - BR EP)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2011130682 A2 20111020; WO 2011130682 A3 20120301; AU 2011239422 A1 20121108; AU 2011239422 B2 20140508; BR 112012026136 A2 20160628; BR 112012026136 B1 20210921; CA 2795358 A1 20111020; CA 2795358 C 20171219; CN 102835136 A 20121219; CN 102835136 B 20160406; EP 2559276 A2 20130220; HK 1177861 A1 20130830; IL 222384 A0 20121231; IL 222384 A 20170228; JP 2013524741 A 20130617; JP 2015180095 A 20151008; JP 5795055 B2 20151014; JP 6069407 B2 20170201; KR 101474093 B1 20141217; KR 20130018299 A 20130220; MX 2012011985 A 20121217; MY 171059 A 20190923; RU 2012148506 A 20140520; RU 2555227 C2 20150710; SG 184442 A1 20121129; TW 201206139 A 20120201; TW I450557 B 20140821; UA 108099 C2 20150325

DOCDB simple family (application)

US 2011032755 W 20110415; AU 2011239422 A 20110415; BR 112012026136 A 20110415; CA 2795358 A 20110415; CN 201180018855 A 20110415; EP 11738847 A 20110415; HK 13104841 A 20130422; IL 22238412 A 20121011; JP 2013505195 A 20110415; JP 2015098276 A 20150513; KR 20127029828 A 20110415; MX 2012011985 A 20110415; MY PI2012004417 A 20110415; RU 2012148506 A 20110415; SG 2012073748 A 20110415; TW 100113219 A 20110415; UA A201212984 A 20110415