Title (en)

APPARATUS AND METHOD FOR TRANSITIONING ENHANCED SECURITY CONTEXT FROM A UTRAN-BASED SERVING NETWORK TO A GERAN-BASED SERVING NETWORK

Title (de)

VORRICHTUNG UND VERFAHREN ZUR ÜBERTRAGUNG VON KONTEXTEN MIT ERHÖHTER SICHERHEIT AUS EINEM VERSORGENDEN UTRAN-NETZ ZU EINEM VERSORGENDEN GERAN-NETZ

Title (fr)

APPAREIL ET PROCÉDÉ DE TRANSITION DE CONTEXTE DE SÉCURITÉ AMÉLIORÉE D'UN RÉSEAU DE DESSERTE UTRAN À UN RÉSEAU DE DESSERTE GERAN

Publication

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Application

EP 11717850 A 20110415

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Abstract (en)

[origin: WO2011130684A1] Disclosed is a method for transitioning an enhanced security context from a UTRAN-based serving network to a GERAN-based serving network. In the method, the remote station the remote station generates first and second session keys, in accordance with the enhanced security context, using an enhanced security context root key and a first information element. The remote station receives a first message from the UTRAN-based serving network. The first message includes a second information element signaling to the remote station to generate third and fourth session keys for use with the GERAN-based serving network. The remote station generates, in response to the first message, the third and fourth session keys using the second information element and the first and second session keys. The remote station protects wireless communications, on the GERAN-based serving network, based on the third and fourth session keys.

IPC 8 full level

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

CPC (source: EP KR US)

H04L 63/20 (2013.01 - EP KR US); **H04W 12/04** (2013.01 - KR); **H04W 12/041** (2021.01 - EP US)

Citation (search report)

See references of WO 2011130684A1

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