Title (en)

METHOD AND SYSTEM FOR SYNCHRONIZATION OF CRYPTOGRAPHIC DEVICES FOR GSM VOICE CHANNEL ENCRYPTION

Title (de)

VERFAHREN UND SYSTEM ZUR SYNCHRONISATION VON KRYPTOGRAPHIEGERÄTEN ZUR GSM-SPRACHKANALVERSCHLÜSSELUNG

Title (fr)

PROCEDE ET SYSTEME DE SYNCHRONISATION DE DISPOSITIFS CRYPTOGRAPHIQUES POUR CHIFFREMENT DE CANAUX VOCAUX GSM

Publication

EP 2353250 A4 20130529 (EN)

Application

EP 09826332 A 20091112

Priority

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- MY PI20084590 A 20081114

Abstract (en)

[origin: WO2010056106A2] The present invention discloses a method and system for providing or ensuring synchronization of cryptographic devices for transmission of data within a voice channel, particularly the GSM voice channel network. The transmission source (100) is configured to generate several cycles of 32-bit digital zeros data prior to transmitting the encrypted data to the reception source (200). Accordingly, the transmission of digital zeros data provides sufficient time for the reception source (200) to prepare for receiving the encrypted data from the transmission source (100) and thereby assisting in synchronization of devices initialization for data transmission.

IPC 8 full level

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CPC (source: EP US)

H04L 9/065 (2013.01 - EP US); **H04W 12/033** (2021.01 - EP US); H04L 2209/80 (2013.01 - EP)

Citation (search report)

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Designated contracting state (EPC)

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