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(54) Title (EN): METHOD AND APPARATUS FOR RE MAPPING AND RATE MATCHING FOR ADVANCED RADIO SYSTEM

(54) Title (FR): PROCÉDÉ ET APPAREIL DE REMAPPAGE ET DE MISE EN CORRESPONDANCE DE DÉBIT POUR UN SYSTÈME RADIO AVANCÉ

(57) Abstract:

(EN): The present disclosure relates to a communication method and system for converging a 5th-Generation (5G) communication system for supporting higher data rates beyond a 4th-Generation (4G) system with a technology for Internet of Things (IoT). The present disclosure may be applied to intelligent services based on the 5G communication technology and the IoT-related technology, such as smart home, smart building, smart city, smart car, connected car, health care, digital education, smart retail, security and safety services. A method of a user equipment (UE) for receiving resource information is provided. The method comprises receiving, from a base station (BS), a synchronization signal/physical broadcast channel (SS/PBCH) including a master information block (MIB); receiving, from the BS, SystemInformationBlockType1 (SIB1) comprising a first ssb-PositionsInBurst indicating indexes of SS/PBCH blocks for which the UE does not receive other signals or channels in resource elements (REs) that overlap with REs corresponding to the SS/PBCH blocks.

(FR): La présente invention concerne un procédé et un système de communication permettant de faire converger un système de communication de 5ème génération (5G) permettant de prendre en charge des débits de données supérieurs, au-delà de ceux d'un système de 4ème génération (4G), avec une technologie de l'Internet des objets (IdO). La présente invention peut être appliquée à des services intelligents basés sur la technologie de communication 5G et sur la technologie associée à l'IdO, tels qu'une maison intelligente, un bâtiment intelligent, une ville intelligente, une voiture intelligente, une voiture connectée, des soins de santé, l'enseignement numérique, le commerce de détail intelligent, et des services de sécurité et de sûreté. L'invention concerne également un procédé d'un équipement utilisateur (UE) pour recevoir des informations de ressources. Le procédé

comprend la réception, à partir d'une station de base (BS), d'un canal de diffusion physique/signal de synchronisation (SS/PBCH) comprenant un bloc d'informations maître (MIB) ; la réception, en provenance de la BS, d'un SystemInformationBlocType 1 (SIB1) comprenant une première ssb-PositionsInBurst indiquant des indices de blocs SS/PBCH pour lesquels l'UE ne reçoit pas d'autres signaux ou canaux dans des éléments de ressources (RE) qui se chevauchent avec des RE correspondant aux blocs SS/PBCH.

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