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(54) Title (EN): SCRAMBLING METHOD, METHOD FOR USE IN SENDING RNTI, AND CORRESPONDING DEVICE

(54) Title (FR): PROCÉDÉ D'EMBROUILLAGE, PROCÉDÉ D'UTILISATION DANS L'ENVOI DE RNTI, ET DISPOSITIF CORRESPONDANT

(54) Title (ZH): 加扰方法、用于发送RNTI的方法及相应的装置

(57) Abstract:

(EN): Provided in the present invention are a scrambling method, a method for use in sending a radio network temporary identifier (RNTI), and a corresponding device. The scrambling method comprises: selecting a target RNTI from among multiple candidate RNTIs; according to the target RNTI, determining a manner of scrambling corresponding to the target RNTI; scrambling a first bit sequence according to the determined manner of scrambling so as to acquire a scrambled bit sequence. The method for use in sending an RNTI comprises: generating a corrected information bit sequence according to an RNTI and an initial information bit sequence; encoding the corrected information bit sequence so as to acquire a code word bit sequence; sending the code word bit sequence.

(FR): La présente invention concerne un procédé d'embrouillage, un procédé destiné à être utilisé dans l'envoi d'un identifiant temporaire de réseau radio (RNTI), et un dispositif correspondant. Le procédé d'embrouillage consiste à : sélectionner un RNTI cible parmi de multiples RNTI candidats ; selon le RNTI cible, déterminer une manière d'embrouillage correspondant au RNTI cible ; embrouiller une première séquence de bits selon la manière d'embrouillage déterminée de façon à acquérir une séquence de bits embrouillés. Le procédé destiné à être utilisé dans l'envoi d'un RNTI comprend : la génération d'une séquence de bits d'informations corrigées selon un RNTI et une séquence de bits d'informations initiales ; le codage de la séquence de bits d'informations corrigées de façon à acquérir une séquence de bits de mots de code ; l'envoi de la séquence de bits de mots de code.

(ZH): 本发明提供了一种加扰方法、用于发送RNTI的方法及相应的装置。所示加扰方法包括:从多个候选无线网络临时标识(RNTI)中选择目标RNTI;根据所述目标RNTI确定与所述目标RNTI相对应的加扰方式;以及根据所确定的加扰方式对第一比特序列进行加扰,以获得加扰比特序列。所述用于发送RNTI的方法包括:根据RNTI和初始信息比特序列生成修正的信息比特序列;对所述修正的信息比特序列进行编码,以获得码字比特序列;以及发送所述码字比特序列。

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