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(54) Title (EN): LINK MONITORING REPETITION LEVEL FEEDBACK FOR COMMUNICATION SYSTEMS

(54) Title (FR): RÉTROACTION DE NIVEAU DE RÉPÉTITION DE SURVEILLANCE DE LIAISON POUR DES SYSTÈMES DE COMMUNICATION

(57) Abstract:

(EN): An apparatus is configured to be employed within a base station. The apparatus comprises baseband circuitry which includes a radio frequency (RF) interface and one or more processors. The one or more processors are configured determine repetition level (RL) thresholds, allocate downlink resources, wherein the downlink resources include a repetition level (RL), send downlink data to the RF interface for transmission to a user equipment (UE) according to the RL, receive repetition feedback from the RF interface based on the transmission to the UE, and update the downlink resources based on the repetition feedback.

(FR): L'invention concerne un appareil qui est configuré de sorte à être utilisé dans une station de base. L'appareil comprend un ensemble de circuits de bande de base qui comprend une interface radiofréquence (RF) et un ou plusieurs processeurs. Le ou les processeurs sont configurés de sorte à déterminer des seuils de niveau de répétition (RL), à attribuer des ressources de liaison descendante, les ressources de liaison descendante comprenant un niveau de répétition (RL), à envoyer des données de liaison descendante à l'interface RF pour une transmission à un équipement utilisateur (UE) en fonction du niveau de répétition, à recevoir une rétroaction de répétition de l'interface RF sur la base de la transmission à l'équipement utilisateur et à mettre à jour les ressources de liaison descendante sur la base de la rétroaction de répétition.

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