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**(54) Title (EN):** COMMUNICATION NETWORK APPARATUS FOR UPLINK SCHEDULING

**(54) Title (FR):** APPAREIL DE RÉSEAU DE COMMUNICATION DESTINÉ À UNE PLANIFICATION DE LIAISON MONTANTE

**(57) Abstract:**

**(EN):** An apparatus to be used in a UE in a mobile communication network to communicate with a base station, includes a memory configured to store a RRC message, and processing circuitry configured to decode the RRC message to obtain BWP configuration information and mapping information, identify one or more UL BWPs and one or more DL BWPs within a carrier bandwidth per Serving Cell based on the BWP configuration information, identify one or more SR configurations which a LCH is mapped to for the UL BWPs based on the mapping information, the LCH being mapped to none or one SR configuration for each of the UL BWPs, identify activation of a UL BWP of the UL BWPs, and encode an SR on a PUCCH based on a SR configuration for the UL BWP.

**(FR):** L'invention concerne un appareil destiné à être utilisé dans un équipement utilisateur dans un réseau de communication mobile pour communiquer avec une station de base, ledit appareil comprenant une mémoire configurée pour stocker un message RRC, et un circuit de traitement configuré pour décoder le message RRC pour obtenir des informations de configuration de BWP et des informations de mappage, identifier un ou plusieurs BWP UL et un ou plusieurs BWP DL dans une bande passante de porteuse par cellule de desserte sur la base des informations de configuration de BWP, identifier une ou plusieurs configurations de SR sur lesquelles un LCH est mappé sur les BWP UL sur la base des informations de mappage, le LCH n'étant mappé sur aucune configuration de SR ou sur une configuration de SR pour chacun des BWP UL, identifier l'activation d'un BWP UL parmi les BWP UL, et coder un SR sur un PUCCH sur la base d'une configuration de SR pour le BWP UL.

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