

Title (en)  
APPARATUSES AND METHODS FOR TRANSMITTING MULTIPLE CONTROL INFORMATION USING A SINGLE TRANSMITTER CHAIN

Title (de)  
VORRICHTUNGEN UND VERFAHREN ZUR ÜBERTRAGUNG MEHRERER STEUERINFORMATIONEN UNTER VERWENDUNG EINER EINZIGEN SENDERKETTE

Title (fr)  
APPAREILS ET PROCÉDÉS POUR TRANSMETTRE DE MULTIPLES INFORMATIONS DE COMMANDE À L'AIDE D'UNE SEULE CHAÎNE D'ÉMETTEUR

Publication  
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Application  
**EP 21940162 A 20210520**

Priority  
CN 2021094799 W 20210520

Abstract (en)  
[origin: WO2022241706A1] In some wireless communication scenarios, it may be intended that a user equipment (UE) is to transmit control information on multiple carriers, with each carrier carrying respective control information associated with a respective different TRP and/or cell and/or cell group. The UE can implement multiple transmitter chains, but the provision of multiple transmitter chains is expensive. Embodiments are disclosed in which a UE instead implements a single transmitter chain for transmitting control information associated with two different TRPs, cells, and/or cell groups. The control information is time-division multiplexed, with various rules implemented in different scenarios, such as when the control information overlaps in time.

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