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(54) **SECONDARY CELL ACTIVATION BASED ON CROSS-COMPONENT CARRIER REFERENCE SIGNALS**

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(57) **ABSTRACT**

The present application relates to devices and components including apparatus, systems, and methods to perform a secondary cell (SCell) activation. A network node can send a UE a command to activate a component carrier, where this component carrier is associated with other component carriers of a component carrier group. In turn, the UE can determine one or more cross-component carrier reference signal(s) received on one or more activated component carriers of the component carrier group for use in the activation of the component carrier.

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