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(54) **UPLINK CONTROL RESOURCE ALLOCATION FOR DYNAMIC TIME-DIVISION DUPLEX SYSTEMS**

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(58) **Field of Classification Search**
None
See application file for complete search history.

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(57) **ABSTRACT**

Methods and apparatuses for managing uplink scheduling for one or more user equipment served by a network entity in a wireless communications system are presented. For instance, an example method is presented that includes generating, by the network entity, an uplink bandwidth allocation map, the uplink bandwidth allocation map defining an uplink bandwidth allocation for at least one of the one or more user equipment for at least one of a plurality of uplink transmission window lengths. In addition, the example method includes transmitting the uplink bandwidth allocation map to at least one of the one or more user equipment.

30 Claims, 15 Drawing Sheets