

CLAIMS

1. A method of wireless communications, comprising:
receiving (520), at a user equipment, UE, a grant from a base station on a control channel, the grant including content indicating a mini-slot having a start symbol and a duration assigned to the UE;
interpreting (530) the grant based on a current configuration of a data channel to determine the mini-slot wherein interpreting the grant includes:
determining a location of the grant within the control channel;
determining a type of mini-slot based on the location; and
determining assignment of resources based on the type of mini-slot and the content; and
communicating (540) with the base station during the mini-slot indicated by the grant.
2. The method of claim 1, wherein interpreting the grant includes decoding the content to obtain a start symbol and the duration based on the current configuration of the data channel.
3. The method of claim 2, wherein the content includes a first number of bits encoding the start symbol and a second number of bits encoding the duration as a number of symbols.
4. The method of claim 1, wherein interpreting the grant includes determining (531) mini-slots available for communication based on the current configuration, wherein the content includes an index of an available mini-slot.
5. The method of claim 1, wherein the grant is applicable to a plurality of mini-slots assigned to the UE and the content includes a bit mask indicating the assigned mini-slots.
6. The method of claim 1, further comprising receiving pre-configuration information indicating the current configuration.

7. The method of claim 6, wherein the pre-configuration information includes information about a demodulation reference signal pattern to be used with the grant.

8. The method of claim 6, further comprising selecting the current configuration from a plurality of pre-configuration patterns using an index in the received pre-configuration information.

9. The method of claim 1, wherein interpreting the grant determining (535) a demodulation reference signal pattern to be used with the grant based on the location of the grant.

10. A user equipment for wireless communications, comprising means arranged to perform the steps of any one of claims 1 to 9.

11. A computer-readable medium having stored thereon a computer program code comprising instructions which, when the program code is executed by a computer, cause the computer to perform the steps of any one of claims 1 to 9.