COMMUNICATION APPARATUSES AND COMMUNICATION METHODS FOR RESOURCE ASSIGNMENT FOR MULTI-PHYSICAL RANDOM ACCESS CHANNEL TRANSMISSIONS

ABSTRACT

The present disclosure provides communication apparatuses and communication methods for resource assignment for multi-physical Random Access Channel (multi-PRACH) transmissions. The communication apparatuses include a communication apparatus comprising: circuitry, which in operation, determines a Random Access Channel Occasion (RO) group based on a number of physical Random Access Channel (PRACH) transmissions in a multiple PRACH transmission, and determines a preamble to be used for the RO group based on a mapping between one or more preambles and one or more RO groups, the RO group comprising one or more ROs; and a transmitter, which in operation, transmits the preamble.

Fig. 25