

ABSTRACT

Embodiments of the present application disclose an information transmission method, a terminal device and a network device. The method comprises: a terminal device receiving a first synchronization signal block and a physical downlink control channel sent by a network device in a first time slot or a first mini-slot, wherein the first time slot or the first mini-slot comprises N symbols, the first synchronization signal block occupies M consecutive symbols in the first time slot or the first mini-slot, the first synchronization signal block comprises a synchronization signal and a physical broadcast channel, M and N are positive integers, and $M \leq N$. The method, terminal device and network device of the embodiments of the present application can achieve efficient multiplexing of synchronization signals, broadcast channels, and downlink control channels while meeting the high-frequency band and multi-beam transmission requirements of NR, reducing control signaling overheads and terminal complexity, and improving resource utilization and flexibility of a communication system.

FIG. 2