

ABSTRACT

~~Embodiments of the present disclosure relate to a location determination method and apparatus, and a communication device. The method comprises: on the basis of distances between a user equipment (UE) and a non-terrestrial network (NTN) service satellite of the UE at at least three different moments, and location information of the NTN service satellite of the UE at the at least three different moments, determining location information of the UE, wherein at the at least three different moments, orbital locations of the NTN service satellite of the UE are different, and the orbital locations of the NTN service satellite of the UE at least belong to two different satellite orbits.~~ In a method for determining a location, location information of a User Equipment (UE) is determined based on distances between the UE and one or more Non-Terrestrial Networks (NTN) service satellites of the UE at at least three different moments and location information of the one or more NTN service satellites of the UE at the at least three different moments. Orbital locations of the one or more NTN service satellites of the UE are different at the at least three different moments and the orbital locations of the one or more NTN service satellites of the UE belong to at least two different satellite orbits.

Fig. 2