ABSTRACT

~~The present disclosure provides a method and apparatus for reporting power headroom, and a communication device, which belong to the technical field of wireless communication. In the method for reporting power headroom, the power control processes of PUSCHs facing a plurality of different TRP directions are independent of one another, so that a network device can achieve accurate power control according to the reported PHR.~~ A method for reporting power headroom is performed by a user equipment (UE), and includes: obtaining one or more physical uplink shared channels (PUSCHs) transmitted towards a plurality of transmission and reception points (TRPs); selecting at least one reporting target TRP from the plurality of TRPs; obtaining at least one power headroom reporting (PHR) of at least one PUSCH of the at least one reporting target TRP; and selecting at least one target PHR from the at least one PHR and reporting the at least one target PHR.

FIG. 1