

RESOURCE ALLOCATION METHODS AND APPARATUSES

ABSTRACT

Embodiments of the present specification provide a network resource allocation
5 method and apparatus. According to the method, resource limit information and time
period information of a network resource corresponding to target future duration are
obtained, where the time period information includes a first ranking of a plurality of
time period types included in the target future duration based on resource return rates.
In addition, group estimation information is further obtained, including an estimated
10 resource return in a case in which each user group in a plurality of user groups obtains
a network resource of each candidate share for each time period type. Therefore, under
a plurality of constraint conditions, a resource share allocated to each user group in a
time period of each time period type is determined based on the group estimation
information with a goal of maximizing a sum of estimated resource returns in the target
15 future duration, where the plurality of constraint conditions include: a total allocated
resource share satisfies the resource limit information, and resource allocation for each
time period type satisfies the first ranking.

20 FIG. 2