CLAIMS

1. An access control method, comprising:

acquiring, by a User Equipment (UE), access category information for uplink access, the access category information at least comprising first access category information independently defined by an Access Stratum (AS) entity; and

initiating, by the UE, the uplink access according to the access category information.

2. The method of claim 1, wherein initiating, by the UE, uplink access according to the access category information comprises:

performing, by the UE according to the access category information, an access barring operation to perform the uplink access.

3. The method of claim 1, wherein initiating, by the UE, the uplink access according to the access category information comprises:

performing, by the UE according to the access category information, an access barring operation to initiate the uplink access; and

transmitting, by the UE, the access category information, the access category information being used for a base station to perform uplink access control for the UE.

4. The method of claim 2 or 3, wherein the access barring operation comprises at least one of the following operations: Access Category Prohibited (ACB), Extended Access Prohibited (EAB), Reverse Service Specific Access Control (SSAC), or Application Specific Congestion Control for Data Communication (ACDC).

5. The method of any one of claims 1 to 4, wherein acquiring, by the UE, the access category information for the uplink access comprises:

acquiring, by the UE, the first access category information independently defined by the AS entity; and

determining the first access category information as the access category information for the uplink access.

6. The method of any one of claims 1 to 4, wherein acquiring, by the UE, the access category information for the uplink access comprises:

acquiring, by the UE, the first access category information independently defined by the AS entity;

acquiring second access category information defined by a Non-Access Stratum (NAS); and

determining, by the UE according to the first access category information and the second access category information, the access category information for the uplink access.

7. The method of any one of claims 1 to 6, wherein the access category information comprises: a call type, or both the call type and a Radio Resource Control (RRC) establishment cause.

8. An access control method, comprising:

receiving, by a base station, access category information transmitted by a User Equipment (UE), the access category information being transmitted after the UE performs an access barring operation to perform uplink access according to the access category information, and the access category information at least comprising first access category information independently defined by an Access Stratum (AS) entity; and

performing, by the base station according to the access category information, access control for the UE.

9. The method of claim 8, wherein the access barring operation comprises at least one of the following operations: Access Category Prohibited (ACB), Extended Access Prohibited (EAB), Reverse Service Specific Access Control (SSAC), or Application Specific Congestion Control for Data Communication (ACDC).

10. The method of claim 8, wherein the access category information comprises: a call type, or the call type and a Radio Resource Control (RRC) establishment cause.

11. A User Equipment (UE), comprising an acquiring unit and an initiating unit, wherein

the acquiring unit is configured to acquire access category information for uplink access, the access category information at least comprising first access category information independently defined by an Access Stratum (AS) entity; and

the initiating unit is configured to initiate the uplink access according to the access category information.

12. The UE of claim 11, wherein in terms of initiating the uplink access according to the access category information, the initiating unit is configured to: perform, according to the access category information, an access barring operation to perform the uplink access.

13. The UE of claim 11, wherein in terms of initiating uplink access according to the access category information, the initiating unit is configured to: perform, according to the access category information, an access barring operation to initiate the uplink access; and transmit the access category information, the access category information being used by a base station to perform uplink access control for the UE.

14. The UE of claim 12 or 13, wherein the access barring operation comprises at least one of the following operations: Access Category Prohibited (ACB), Extended Access Prohibited (EAB), Reverse Service Specific Access Control (SSAC), or Application Specific Congestion Control for Data Communication (ACDC).

15. The UE of any one of claims 11 to 14, wherein in terms of acquiring access category information for uplink access, the acquiring unit is configured to: acquire first access category information independently defined by the AS entity, and determine the first access category information as the access category information for the uplink access.

16. The UE of any one of claims 11 to 14, wherein in terms of acquiring access category information for uplink access, the acquiring unit is configured to: acquire the first access category information independently defined by the AS entity, and acquire second access category information defined by a Non-Access Stratum (NAS); and determine, according to the first access category information and the second access category information, the access category information for the uplink access.

17. A base station, comprising a receiving unit and an access control unit, wherein

the receiving unit is configured to receive access category information transmitted by a User Equipment (UE), the access category information being transmitted after the UE performs an access barring operation to perform uplink access according to the access category information, and the access category information at least comprising first access category information independently defined by an Access Stratum (AS) entity; and

the access control unit is configured to perform, according to the access category information, access control for the UE.

18. A User Equipment (UE), comprising a processor, a memory, a radio frequency chip, and programs, wherein the programs are stored in the memory and configured to be executed by the processor, the programs comprising instructions for performing the following operations:

acquiring access category information for uplink access, the access category information at least comprising first access category information independently defined by an Access Stratum (AS) entity; and

initiating the uplink access according to the access category information.

19. A base station, comprising a processor, a memory, a communication interface, and programs, wherein the programs are stored in the memory and configured to be executed by the processor, the programs comprising instructions for performing the following operations

receiving access category information transmitted by a User Equipment (UE), the access category information being transmitted after the UE performs an access barring operation to perform uplink access according to the access category information, and the access category information at least comprising first access category information independently defined by an Access Stratum (AS) entity; and

performing, according to the access category information, access control for the UE.

20. A computer storage medium, storing computer programs, wherein the computer programs enable a computer to perform the method of any one of claims 1 to 10, the computer comprising a base station and a User Equipment (UE).