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STRUCTURING THE GLOBE PROTECTION SYSTEM OF THE COMBINED INTERNATIONAL
ACTION ON EARTH'S ORBIT

Abstract

Because the point of view that the planet earth is increasingly threatened from outer space objects impact, human beings should jointly structure own international united earth orbit protection system. It should be based on the different levels of higher the orbit, also can use the moon to establish system base. The system should be able to control and prevent the accident impact from the flight small celestial objects to the earth, dia. 100 m to 500 m or even more body that can intercept and destroy it outside the earth's atmosphere of the space, to the best of ability and extent possible to protect the earth human homes from foreign object impact. This paper makes a detailed analysis, planning and design a defense system on earth orbit. It can predict different kinds have may threaten the earth of the target flight trajectories, early warning to the earth may threaten, and calculating is made the flight track and time. Making the use of orbit interception technology barrier or impact, control processing adhesion technology to track changes, and so on, put the direct impact the earth's threat to reduce to the smallest. The system needs international joint and cooperation using the present all globe aerospace science and technology civilization achievements. It deployment of different orbiter around the earth that can break up the threat of outer space using the rendezvous docking and orbital maneuver technology protecting the earth. The flight control system needs combine each node joint operation. The orbiter even can use some old orbiter of other different nations. It can be combination or formation flight. Its mobility is maintained by the launching thruster method. The entire system is consisted of two parts. One is the early pro-warning system that includes both of deep and close combination of space. The other is an interception system that can destroy the unidentified flying target by the orbit maneuver or change its flight track in order to prevent from direct impact the earth bringing about the damage caused.