Claims

1. A projectile, the projectile comprising
a shell and
a bunch of filaments,
the bunch being wound in a coil and
the bunch being placed inside the shell,
wherein the filaments are of carbon fibre whereby the filament bunch is a carbon fibre tow comprising at least 1000 filaments.

2. A projectile as claimed in claim 1, wherein the filaments comprised by the bunch are fastened together substantially at one end.

3. A projectile as claimed in claim 1 or 2, wherein the filament bunch comprises 50000 filaments, at the most.

4. A projectile as claimed in any one of the preceding claims, wherein the filament bunch comprises 10000 to 30000 filaments.

5. A projectile as claimed in any one of the preceding claims, wherein the length of the filament bunch is 8 to 16 metres.

6. A projectile as claimed in any one of the preceding claims, wherein the outer diameter of the projectile is 40 to 120 mm.

7. A projectile as claimed in any one of the preceding claims, comprising a packing plate.

8. A projectile as claimed in claim 7, wherein the packing plate is of plastic, cardboard, paper, or paperboard.

9. A projectile as claimed in any one of claims 7 to 8, wherein the filament coil formed by the filament bunch wound in a coil and the packing plate are mutually parallel.

10. A projectile as claimed in any one of claims 7 to 9, wherein the filament bunch is fixed at one end to the centre part of the packing plate.

11. A projectile as claimed in any one of the preceding claims, wherein at least three filament coils are placed inside the shell.

12. A projectile as claimed in any one of the preceding claims, comprising means to open the shell.

13. A projectile as claimed in any one of the preceding claims, comprising a propulsion charge and a case as its outermost part.

14. A method for stopping aerial vehicles, the method comprising forming an obstacle in the air by making use of a projectile according to any one of claims 1 to 13.