PATENT CLAIMS

1. A warhead comprising an outer casing and an inner shell, which delimits a central space for an explosive substance, in which the inner shell receives a series of preformed elements, which are arranged in contact with an outer side of the inner shell, and the inner shell is arranged for a controlled fragmentation upon a detonation of an explosive substance, wherein the preformed elements are arranged with a surface contact against the inner shell, the inner shell comprising recesses arranged to distribute force from the detonation amongst the preformed elements, the preformed elements being in contact with respective ones of the recesses over half of a total surface area of the preformed elements.

2. The warhead according to claim 1, wherein the recesses in the inner shell are arranged to act as weak links upon the detonation, for controlled fragmentation of the inner shell.

3. The warhead according to claim 1, wherein a thickness of the inner shell is of a same order of magnitude as the preformed elements.

4. The warhead according to claim 1, wherein a space between the inner shell and the outer casing houses a filler material.

5. The warhead according to claim 4, wherein a density of the filler material is lower than a density of the inner shell and of a density of the preformed elements respectively.

6. The warhead according to claim 4, wherein the filler material bears against the preformed elements.