PATENT CLAIMS

1. A wWarhead (1) comprising an outer casing (8) and an inner shell (7), which delimits a central space (5,6) for an explosive substance, in which the inner shell (7) receives a series of preformed elements (9), which are arranged in contact with anthe outer side of the inner shell (7), and the inner shell (7) is arranged for a controlled fragmentation upon a detonation of anthe explosive substance, whereincharacterized in that the preformed elements (9) are arranged with a surface contact against the inner shell (7), 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. Warhead (1) according to Claim 1, characterized in that the inner shell (7) comprises recesses (10), which are arranged to distribute the force from the from the detonation amongst the preformed elements (9), and wherein the preformed elements (9) are recessed.

23. The wWarhead (1) according to cClaim 12, whereincharacterized in that the recesses (10) in the inner shell (7) are arranged to act as weak links upon the detonation, for the controlled fragmentation of the inner shell (7).

34. The wWarhead (1) according to any one of cClaims 1 to 3, wherein acharacterized in that the thickness of the inner shell (7) is of athe same order of magnitude as the preformed elementsfragments (9).

45. The wWarhead (1) according to any one of cClaims 1 to 4, whereincharacterized in that a space between the inner shell (7) and the outer casing (8) houses a filler material (12).

56. The wWarhead according to cClaim 45, wherein acharacterized in that the density of the filler material (12) is lower than athe density of the inner shell (7) and of a density of the preformed elementsfragments (9) respectively.

6~~7~~. The w~~W~~arhead according to c~~C~~laim 4~~5 or Claim 6~~, wherein~~characterized in that~~ the filler material ~~(12)~~ bears against the preformed elements ~~(9)~~.