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ABSTRACT

5 The invention relates to an airburst hand grenade. Existing constructions of
fragmentation grenades all have one basic shortcoming; the active fragments are
very unlikely to find the target owing to the fact that detonation takes place with the
hand grenade lying on the ground, whereby the effect does not occur. The invention
solves the above problem by a hand grenade being caused to jump 1-2 m above the
ground before detonating. This means that the fragments will be spread essentially
10 horizontally and at an angle (ν) to the ground and consequently attack the target
from above, which results in a many times larger target surface and the capability of
spreading fragments behind a shelter.

15 The hand grenade comprises a mechanism (1), a detonator (2), a warhead (14) and
support legs (9) for raising the hand grenade from a horizontal position to an upright
position. The detonator (2) comprises a delay unit (3), an upper charge (4) which
can release the support legs (9) by removing a locking cover (8), a jump charge (5)
which can throw the warhead (14) above the ground, and an explosive cartridge (6)
which can initiate a main charge (13).

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