Claims

1. A weapons system (100) with at least two High-Energy-Laser, HEL, effectors (5.1, 5.2, 5.3), each with at least one beam guidance system (2.1, 2.2, 2.3), wherein ~~characterized in that~~ the at least two HEL effectors (5.1, 5.2, 5.3) comprise at least one jointly useable ~~laser source (1) or~~ pump source(s) (10), wherein at least one optical switching unit is provided, wherein the at least one optical switching unit is realized such that the respective beam guidance system (2.1, 2.2, 2.3) can be connected to ~~wherein~~ the at least one jointly useable ~~laser source (1) or~~ pump source(s) ~~—~~ (10) ~~is connected to the at least two HEL effectors (5.1, 5.2, 5.3)~~ by means of at least one optical switching unit (4) characterized in that either
a) one master oscillator (22) is provided, wherein the master oscillator (22) is jointly used by the at least two HEL-effectors (5.1, 5.2, 5.3), wherein each HEL-effector (5.1, 5.2, 5.3) comprises an amplifier (.1, .2, .3) and the at least one optical switching unit (4) is disposed between an output of the pump unit (10) and an input of an amplifier (.1, .2, .3) of the respective HEL effector (5.1, 5.2, 5.3), or
b) each of the HEL-effectors (5.1, 5.2, 5.3) comprises a MOPA, Master Oscillator and Power Amplifier, (21.1, 21.2, 21.3), and the at least one optical switching unit (4) is disposed between an output of the pump unit (10) and an input of a respective amplifier of each respective MOPA (21.1, 21.2, 21.3) of each HEL-effector (5.1, 5.2, 5.3).
~~comprising at least one input and at least two outputs.~~

~~2. The weapons system (100) as claimed in claim 1, whereinthe at least one laser source (1) including at least one pump source (10) wherein the at least one optical switching unit (4, 14) that would adjust and/or~~

~~vary a beam power of the laser source (1) including the at least one pump source (10) of the HEL effectors (5.1, 5.2, 5.3).~~

~~3. The weapons system (100) as claimed in claim 1, characterized in that the at least one laser source (1) is connected to the plurality of beam guidance systems (2.1, 2.2, 2.3) by means of the at least one optical switching unit (4) installed between an output of the laser source (1) and an input of each beam guidance system (2.1, 2.2, 2.3) to form the HEL effectors (5.1, 5.2, 5.3).~~

~~4. The weapons system (100) as claimed in claim 1, **characterised in that** the at least one pump source (10) is connected by means of the at least one optical switching unit (4, 14) disposed between an output of the at least one pump source (10) and an input of an oscillator (21.1, 21.2, 21.3) of the respective HEL effectors (5.1, 5.2, 5.3) to form the HEL effectors (5.1, 5.2, 5.3).~~

2~~5~~. The weapons system (100) as claimed in claim 1, **characterized in that** the ~~at least one pump source (10) is connected by means of the at least one optical switching unit (4, 14) disposed between an output of the at least one pump source (10) and an input of an amplifier of an M~~master ~~O~~oscillator (22) can be connected by means of at least one further optical switching unit (14) disposed between an output of the master oscillator (22) and another input of the amplifier (.1, .2, .3) ~~and Power Amplifier (MOPA) (21.1, 21.2, 21.3)~~ of the respective HEL effector (5.1, 5.2, 5.3) to create the HEL effectors (5.1, 5.2, 5.3).

3. The weapons system (100) as claimed in any one of claims 1 to 2, **characterized in** that a

controller (6) is provided.

4. The weapons system (100) as claimed in any one of claims 1 to 3, **characterized in** that the at least one optical switching unit (4, 14) is realized such that laser light can be split on at least two outputs of the optical switching unit (**4, 14)**, in particular at the same time.

~~6. A weapons system (100) with at least two HEL effectors (5.1, 5.2, 5.3), each with at least one beam guidance system (2.1, 2.2, 2.3), characterized in that the at least two HEL effectors (5.1, 5.2, 5.3) comprise at least one jointly useable pump source (10), wherein the at least one pumping source (10) is connected by means of at least one optical switching unit (4) disposed between an output of the pump source (10) and an input of an amplifier (.1, .2, .3) of the respective HEL effector (5.1, 5.2, 5.3), and at least one master oscillator (22) is connected by means of at least one other optical switching unit (14) disposed between an output of the master oscillator (22) and another input of the amplifier (.1, .2, .3) of the respective HEL effector (5.1, 5.2, 5.3) to create the HEL effectors (5.1, 5.2, 5.3).~~

5.~~7.~~ The weapons system (100) as claimed in any one of claims 1 to 4~~through 6~~, **characterized in that** the at least one optical switching unit (4, 14) is an optical switch or an optical switching point.

6. The weapons system (100) as claimed in any one of claims 2 to 6, **characterized in that** the optical switching unit (4, 14) adjusts and/or varies the beam power of the pump source (10) of the HEL effectors

(5.1, 5.2, 5.3).

7. The weapons system (100) as claimed in claim 6, wherein the beam power can be divided between 0% and 100%.

8. The weapons system (100) as claimed in claims 6 or 7, wherein the beam power generated in the jointly usable pump source (10) can by divided continuously or in multiple stages.

9. The weapons system (100) as claimed in any one of claims 1 to 8, wherein the HEL-effectors can be changed to a safety state by means of the at least optical switching unit (4, 14).

10.~~8.~~ An object with a weapons system (100) as claimed in any one of claims 1 to~~through~~ 7, **characterized in that** the ~~laser source (1), including the at least one~~ pump source(s) (10) and/or~~, if necessary,~~ the master oscillator (22) is~~are~~ disposed centrally and/or decentrally on and/or in the object in relation to the ~~plurality of~~ beam guidance systems (2.1, 2.2, 2.3) of each of the at least two HEL effectors (5.1, 5.2, 5.3).

11.~~9.~~ The object as claimed in claim 10~~8~~ , **characterized in that** at least the~~each~~ beam guidance system (2.1, 2.2, 2.3) of the HEL effectors (5.1, 5.2, 5.3) are~~is~~ mounted on platforms (7, 8, 9).

12.~~10.~~ The object as claimed in claim 10~~8~~ or claim 11~~9~~, **characterized in that** the objects is a stationary type, such as a house, ~~a~~ bunker, ~~or~~ a container, etc., or a movable type, such as a vehicle on land, in the air, or at sea~~ waterborne vehicle, or a container on such a vehicle~~.