C l a i m s

1. Mobile cutting tool (100) for cutting a subsea tubular structure (810), the mobile cutting tool (100) comprising:
   - a tool body (110) configured for receiving the subsea tubular structure (810) in an enclosure (50) thereof;
   - an actuator (120) mounted on the tool body (110) at one side (S1) of the enclosure;
   - a non-rotatable cutting element (130) provided on the actuator (120), the actuator (120) with the cutting element (130) being configured for carrying out a translational cutting movement through the enclosure (50) including the subsea tubular structure (810), and
   - a reaction member (140) mounted at an opposite side (S2) of the enclosure (50) of the tool body (110) opposite to the cutting element (130) for applying a reaction force on the subsea tubular structure (810) during cutting,

   characterised in that,

   the reaction member (140) forms part of a further actuator (150), wherein the reaction member (140) is provided on or integrated with a piston rod or thread bar of the further actuator (150), which further actuator (150) is configured for opening and closing said enclosure (50) for receiving said subsea tubular structure (810).

2. The mobile cutting tool (100) according to claim 1, wherein the actuator (120) comprises a cylinder, for example a hydraulic cylinder, or a thread bar actuator.

3. The mobile cutting tool (100) according to claim 2, wherein the reaction member (140) is provided with a further cutting element (145) directed towards the non-rotatable cutting element (130) for facilitating the cutting.

4. The mobile cutting tool (100) according to any one of the preceding claims, wherein the further actuator (150) comprises a further cylinder, for example a further hydraulic cylinder, or a thread bar actuator.

5. The mobile cutting tool (100) according to any one of the preceding claims, further comprising at least one buoyancy member (160) for controlling the buoyancy of the mobile cutting tool (100) when the mobile cutting tool (100) is used subsea.

6. The mobile cutting tool (100) according to any one of the preceding claims, further comprising at least one digging device (195) for digging into the seabed (900) for freeing a greater length of a tubular structure (810) extending through the seabed (900).

7. The mobile cutting tool (100) according to any one of the preceding claims, further comprising at least one welding device (190) for welding the subsea tubular structure (810') after that it has been cut.

8. The mobile cutting tool (100) according to claim 7, wherein the welding device (190) is selected from a group comprising: a shielded metal arc-welding device, a flux cored arc-welding device, and a gas tungsten arc-welding device.

9. The mobile cutting tool (100) according to any one of the preceding claims, wherein the mobile cutting tool (100) is provided with a handle (180) for being coupled to and handled by a subsea vehicle (600), such as an ROV.

10. Subsea system (100, 600) for cutting a subsea tubular structure (810), the system comprising:
    - a subsea vehicle (600), and
    - the mobile cutting tool (100) according to any of the preceding claims, characterised in that,

      the mobile cutting tool (100) is coupled to the subsea vehicle (600).

11. Subsea system according to claim 10, wherein the subsea vehicle (600) comprises an ROV.

12. Method for cutting a subsea tubular structure (810), wherein the method comprises the following steps:
    - providing a mobile cutting tool (100) in accordance with any one of claims 1 to 9;
    - positioning the mobile cutting tool (100) in cutting position exterior to the subsea tubular structure (810);
    - fixing the position of the mobile cutting tool (100) with respect to the subsea tubular structure (810), and
    - activating the mobile cutting tool (100) for cutting the subsea tubular structure (810) in a translation movement of the at least one cutting element (130).

13. Method for recovering a subsea wellhead (800) from a casing (810) of a well (820), wherein the method comprises the method according to claim 12.

14. The method according to claim 13, wherein the subsea tubular structure (810) comprises a casing of the wellhead (800) between the seabed (900) and the wellhead (800), and wherein, in the step of positioning the mobile cutting tool (100), the mobile cutting tool (100) is positioned exterior to the casing (810) and below the wellhead (800), and wherein, in the step of activating the mobile cutting tool (100), the wellhead (800) is separated from the well (820).

15. The method according to claim 14, further comprising the step of digging into the seabed (900) for freeing a greater length of the casing (810) for allowing cutting of the casing (810) below an original level (900LV) of the seabed (900).

16. The method according to claim 15, wherein, in the step of positioning the mobile cutting tool (100), the mobile cutting tool (100) is positioned below the original level (900LV) of the seabed (900).

17. The method according to any one of claims 12 to 16, further comprising the step of welding the subsea tubular structure (810') after that it has been cut.

18. The method according to any one of claims 12 to 17, wherein the positioning of the mobile cutting tool (100) is done with a subsea vehicle (600), for example an ROV.

19. The method according to any one of claims 12 to 18, further comprising, before the step of positioning the mobile cutting tool (100) in cutting position, the step of lowering the mobile cutting tool (100) from the sea surface into the sea by means of a hoisting tool, for example a crane.