

Title (en)
EQUIPMENT FOR CARRYING OUT UNDERWATER OPERATIONS

Publication
EP 0388055 B1 19921111 (EN)

Application
EP 90302290 A 19900305

Priority
GB 8905600 A 19890311

Abstract (en)
[origin: EP0388055A1] Equipment (1) for carrying out underwater operations includes a submersible working chamber (2) at one end of an access shaft (3) and ballast weights (W) for adjusting the buoyancy of the equipment so that it can float freely with the chamber (2) submerged to a working depth and with the shaft upright and projecting above the surface. Divers can descend to the submerged working chamber (2) from the surface at atmospheric pressure through the access shaft (3) and a first hatchway closed by a pressure-resistant hatch (7), and can then pressurise the chamber (2) to the ambient hydrostatic pressure by actuating air supply means (9, 9A, 10, 11) so that they can enter and leave the water through a second hatchway closed by a pressure-resistant hatch (8). The divers can subsequently open a valve (12) to discharge the pressure in the chamber (2) in order to undergo decompression to atmospheric pressure in the working chamber before returning to the surface through the access shaft (3).

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IPC 8 full level
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