

Title (en)
Equipment for submerging/bringing to the surface a nautical apparatus

Title (de)
Ausrüstung zum auf/tauchen einer Wasserfahrzeug

Title (fr)
Equipement pour plonger / amener à la surface un véhicule marin

Publication
EP 2845794 A1 20150311 (EN)

Application
EP 14183944 A 20140908

Priority
IT UD20130116 A 20130906

Abstract (en)
Equipment for submerging/bringing to the surface a nautical apparatus (11) comprising at least a containing compartment (12) provided with a first aperture (27) connected to a first surfacing air circuit (45) configured to selectively introduce air into said containing compartment (12), and a second aperture (46) provided with a pneumatic opening/closing member (32) configured to regulate the passage of water into the containing compartment (12). A command unit (13) is provided to command the entrance and exit of the water and air into and from the containing compartment (12). The equipment also comprises a tank (14) for storing pressurized air connected both to said first surfacing air circuit (45), for the selective introduction of air into said containing compartment (12), and also at least to a second submerging air circuit (47) configured to pneumatically drive the pneumatic opening/closing member (32). The command unit (13) is configured to selectively regulate the passage of air from the tank (14) to the first surfacing air circuit (45) or to the second submerging air circuit (47).

IPC 8 full level
B63G 8/22 (2006.01); **B63B 35/73** (2006.01); **B63G 8/00** (2006.01)

CPC (source: EP US)
B63G 8/22 (2013.01 - EP US); **B63G 8/001** (2013.01 - EP); **B63G 2008/002** (2013.01 - EP)

Citation (applicant)
• EP 1645501 A1 20060412 - HOWALDTSWERKE DEUTSCHE WERFT [DE]
• WO 2009008880 A1 20090115 - MARION HYPER SUBMERSIBLE POWEB [US], et al

Citation (search report)
• [A] EP 1645501 A1 20060412 - HOWALDTSWERKE DEUTSCHE WERFT [DE]
• [A] WO 2009008880 A1 20090115 - MARION HYPER SUBMERSIBLE POWEB [US], et al
• [A] GB 2208158 A 19890308 - BUOYCO [GB]

Cited by
USD966426S

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

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EP 2845794 A1 20150311; IT UD20130116 A1 20150307

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