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(54) **SLIDING CONSOLE ON A MOTOR BOAT**

(57) The mobile console according to the utility model is characterized in that it consists of a spatial casing in a shell form constituting a construction and esthetical basis of the solution, to which motor steering systems (manipulators, lever, gauges, imaging systems and audio-video systems) are mounted, and the sliding mounting system, which is the key and essential element of the object of the utility model allowing sliding the whole console with the equipment within the cabin and also from the inside of the cabin outside it, which allows a steersman working in a closed cabin, as well as outside of it. The construction

of the mobile console allows stable fixing of the console's position and full use of the functions of the mounted equipment in any place within the mobility range.

The present utility model is characterized in that fixing elements used for ensuring the mobility of the console are mounted to the construction of the vessel by fixing to a side wall, which does not interfere with the floor area, and additionally leaves free space in case of a change of the position. This brings additional benefits as the floor construction may remain a monolith or be a space for other fittings.

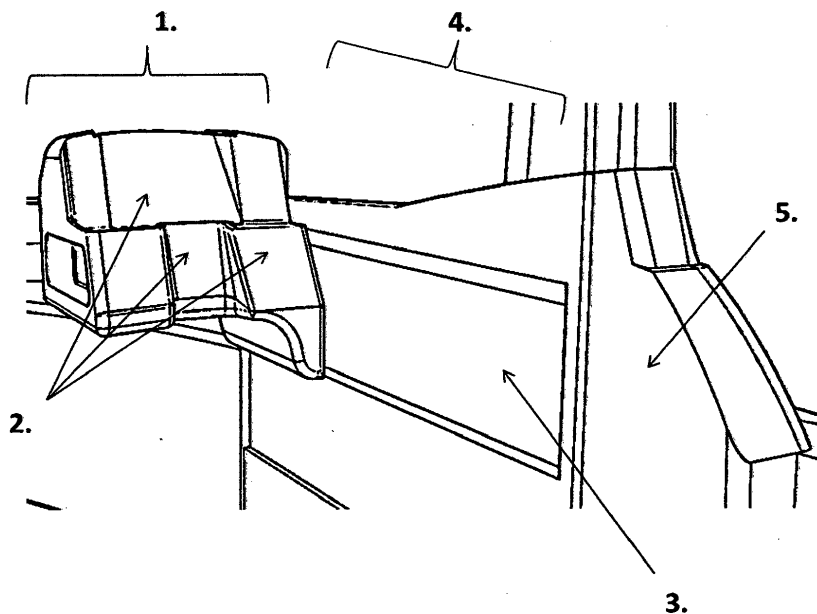


Fig. 2

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Description

[0001] The object of the utility model is a mobile console allowing mounting steering equipment and equipment for controlling parameters of a motor boat from the inside of the cabin or from the open deck, and thanks to the mobility of the console the motor boat may be operated by a steersman from the inside of a closed cabin and outside of it without the need of doubling elements of boat equipment steering.

[0002] The solution according to the utility model application is especially used on yachts and motor boats with a closed cabin equipped with a door and an open deck, frequently used in sea angling and under changeable climate conditions. Harsh weather conditions, and especially their strong changes in the scope of the minimum and maximum temperatures, wind and waves strength, enforce on such boat users a necessity of securing passengers against disadvantageous climate conditions. It is commonly known that boats intended for the above-mentioned conditions are equipped with cabins and structures ensuring sailors' comfort and safety. However, due to huge weather changes cabins and constructions constitute a difficulty during the use of vessels on sunny and warm days. Due to the construction solutions and the ways of transferring signals controlling boat systems (cables, hydraulic hoses and electric wires) consoles and cockpits constituting a base for fixing these instruments are permanently fixed with the construction of the deck and usually located in the central part of the deck inside the cabin, which secures a steersman, who must continuously control the vessel and protect it against atmospheric agents. Irritating climate conditions are especially cold and severe heat, both those factors constitute a direct human health and life threat. Especially for a steersman, who is responsible for the fate of the crew and the vessel. That is why so far the construction of yachts has consisted in mounting the steering elements inside the cabin - a solution dedicated for disadvantageous conditions, allowing the use of heating or air-conditioning. At the same time, due to the adjustment of a vessel to a warm climate, an additional steering is mounted outside of the cabin, allowing operating a vessel from an open deck outdoors. This results from a comfort of using a boat and outdoor leisure, but also from the necessity to control the status of the boat's equipment or angling equipment in the course of a cruise. Such a solution involves a necessity of doubling the equipment and thus increases costs and complicates the construction of motor boat deck systems.

[0003] The mobile console according to the utility model is characterized in that it consists of a spatial casing in a shell form constituting a construction and esthetical basis of the solution, to which motor steering systems (manipulators, lever, gauges, imaging systems and audio-video systems) are mounted, and the sliding mounting system, which is the key and essential element of the object of the utility model allowing sliding the whole con-

sole with the equipment within the cabin and also from the inside of the cabin outside it, which allows a steersman working in a closed cabin, as well as outside of it.

[0004] The construction of the mobile console allows stable fixing of the console's position and full use of the functions of the mounted equipment in any place within the mobility range. The present utility model is characterized in that fixing elements used for ensuring the mobility of the console are mounted to the construction of the vessel by fixing to a side wall, which does not interfere with the floor area, and additionally leaves free space in case of a change of the position. This brings additional benefits as the floor construction may remain a monolith or be a space for other fittings.

[0005] The object of the utility model is user-friendly as it allows in an easy, quick and uncomplicated way to move the vessel steering centre within the cabin and outside of it, which creates a possibility of convenient adjustment of the position and location of the console for a steersman, which also allows adjustment to weather conditions. The change of position and other adjustment activities may be performed only through human intentional action in the scope of the console mechanisms and the construction of the sliding elements excludes accidental moves.

[0006] The object of the utility model is comfortable and ergonomic in use and first of all eliminates the necessity of doubling the steering elements both inside and outside of the cabin.

[0007] The object of the utility model is presented in the embodiment on the figures:

fig. 1 - a general view of a motor boat with the console according to the utility model, fig. 2 - an isometric view of the mobile console with mounting and fig. 3 - a side view of the mobile console mounted on the wall of a motor boat, fig. 4. a graphic and descriptive draft explaining functionalities of the mobile console.

[0008] The mobile console consists of a spatial casing in a shell form 1 constituting a construction and esthetical basis of the solution, to which through openings and/or handles on the whole surface of the front panel 2 motor steering systems (manipulators, lever, gauges, imaging systems and audio-video systems) may be mounted, and the sliding mounting system 3 (in which a place for mounting and running of cables and connectors of the installed systems is provided), which is the key and essential element of the object of the utility model allowing sliding the whole console with the equipment within the cabin of the boat 4, and also from the inside of the cabin outside of it 5.

Claims

1. The method of sliding mounting of the console in a shell form, which provides mobility of the console

together with the mounted equipment in order to be able to slide it within the cabin and go beyond it.

2. The method of sliding mounting of the mobile console according to claim 1, **characterized in that** fixing of the console together with the elements ensuring mobility takes place within the side wall of the cabin of the motor boat and does not interfere with the floor area.

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3. The method according to claims 1 and 2, **characterized in that** the scope of mobility of the object of the utility model allows operating a motor boat by a steersman with the use of the object of the utility model from the inside of a closed cabin or from the outside of the cabin.

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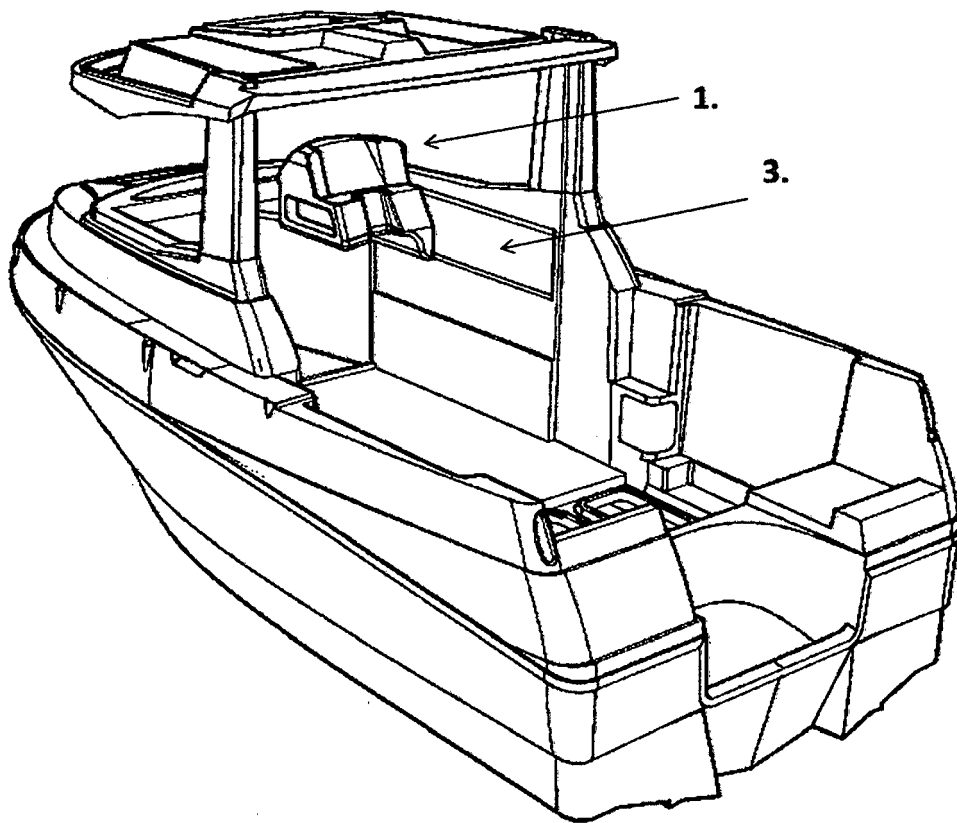


Fig. 1

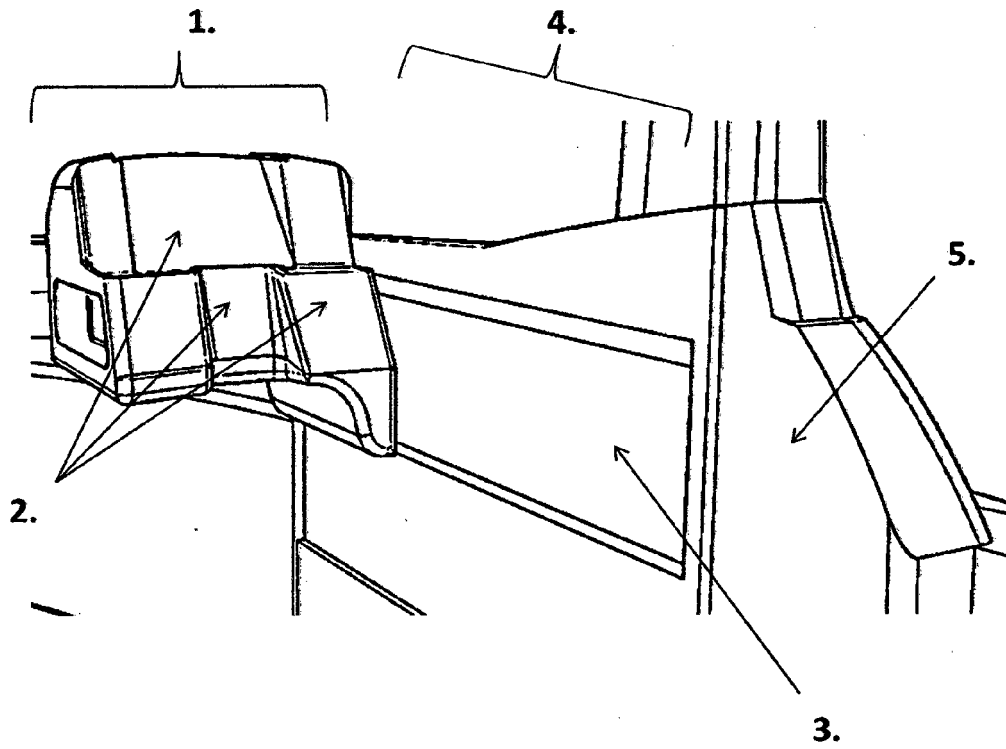


Fig. 2

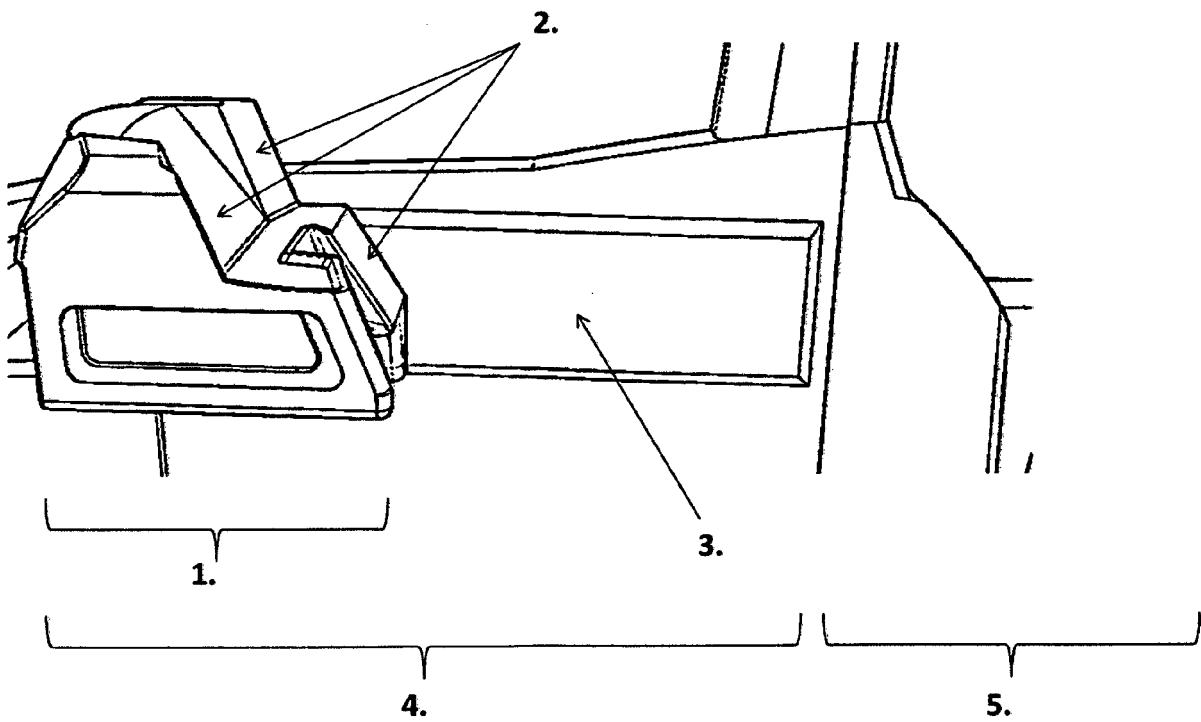
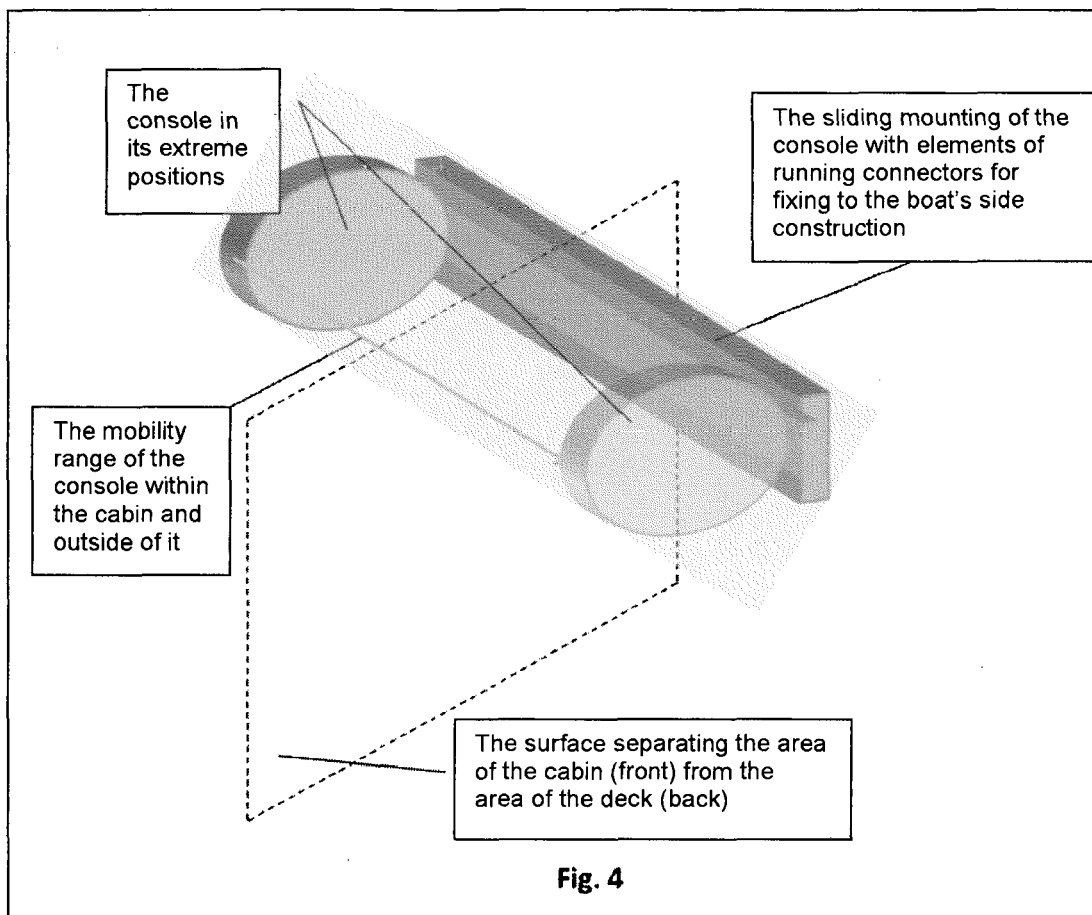


Fig. 3



The mobile console consists of a spatial casing in a shell form 1 constituting a construction and esthetical basis of the solution, to which through openings and/or handles on the whole surface of the front panel 2 motor steering systems (manipulators, lever, gauges, imaging systems and audio-video systems) may be mounted, and the sliding mounting system 3 (in which a place for mounting and running of cables and connectors of the installed systems is provided), which is the key and essential element of the object of the utility model allowing sliding the whole console with the equipment within the cabin of the boat 4, and also from the inside of the cabin outside of it 5.



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Application Number
EP 15 46 0116

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Place of search		Date of completion of the search	Examiner
The Hague		15 March 2017	Mauriès, Laurent
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ANNEX TO THE EUROPEAN SEARCH REPORT
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