

Title (en)
Remotely operated submersible vehicle

Title (de)
Ferngesteuertes Tauchfahrzeug

Title (fr)
Véhicule submersible commandé à distance

Publication
EP 2620358 B1 20141008 (EN)

Application
EP 12153107 A 20120130

Priority
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Abstract (en)
[origin: EP2620358A1] In reference to FIG. 1 , a remotely controlled submersible with a circular profile. A shaft crosses the submersible at the center on the pitch axis that is fixed to the external shell holding the thrusters. From this shaft the framework of the submersible hangs with all of the essential components and any additional weight required gaining the desired buoyancy. A motor such as a servo motor is mounted to the framework and is coupled to a gear, sprocket or pulley that is fixed on the center shaft (22). When activated the motor rotates the shell (13) of the submersible along with the thrusters (14) to the desired pitch while the internal frame remains low. The design of the submersible external body (1) in relation with the internal body (2) allows the submersible to pitch and maintain stability with a fixed center of buoyancy and center of gravity.

IPC 8 full level
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CPC (source: EP)
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Cited by
CN109515658A; CN107933856A; CN109941412A; CN109665078A

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