

Title (en)
SUBMARINE PROPULSION SYSTEM

Title (de)
UNTERWASSERANTRIEBSSYSTEM

Title (fr)
SYSTEME DE PROPULSION SOUS-MARIN

Publication
EP 0847361 B1 19991222 (EN)

Application
EP 96929423 A 19960905

Priority
• GB 9602185 W 19960905
• GB 9519307 A 19950921

Abstract (en)
[origin: GB2305411A] A submersible vehicle 2 has mounted at the end of arms 6, 7 thrust units 4,5 which act on the arms in the direction of the arrows 15. The arms 6, 7 are connected to the vehicle 2 by a linkage mechanism 14 which is arranged such that when a difference in thrust is applied to the ends of arms 6, 7 the torque on the arms 6, 7 acts via the linkage mechanism 14 to alter the position of the arms 6, 7 and hence the direction of thrust. This can be arranged to cause rotation of the vehicle 2 by applying a differential thrust to the thrust units mounted on the ends of the arms 6, 7 which thrust would otherwise be in a vertical direction to maintain the vehicle 2 in a stable hover position, the vehicle having a negative buoyancy.

IPC 1-7
B63G 8/16; **B63G 7/02**

IPC 8 full level
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