

Title (en)  
VERTICALLY AND HORIZONTALLY TRANSFERABLE SHIP

Publication  
**EP 0194175 B1 19881214 (FR)**

Application  
**EP 86400274 A 19860210**

Priority  
FR 8502223 A 19850215

Abstract (en)  
[origin: US4739721A] This invention relates to a boat designed as a self-hoisting unit for the vertical and horizontal transfer of persons and/or equipment from a ship to an offshore platform and vice versa. The boat carries a hollow mast forming a guide for a cable, the upper end of which will be attached to a carrier structure extending outwardly from a platform or ship. The mast is held by shrouds so as to withstand large flexural strains. For compensating sea-swell, the lower end of the cable passes over a damper unit comprising an hydraulic cylinder associated with pulleys of two opposed tackle-blocks. The cable is driven by a winch so that the boat can autonomously hoist itself to the platform deck level, or lower itself down to the sea or onto the deck of a ship. The mast height is sufficient for generating an uprighting torque ensuring horizontal stability of the boat during its ascent and descent. The boat is suitable for carrying a large number of persons, for instance as a lifeboat or for a shuttle service between offshore platforms.

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**B63B 23/52**; **B63B 27/16**; **B66C 13/02**

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