

Title (en)

LARGE-SIZE FLOATING STATE MANUFACTURING METHOD FOR MARINE ENGINEERING EQUIPMENT

Title (de)

GROSSANGELEGTES HERSTELLUNGSVERFAHREN IM SCHWIMMENDEN ZUSTAND FÜR SCHIFFSMASCHINENBAU

Title (fr)

PROCÉDÉ DE FABRICATION D'UN RAS DE GRANDE DIMENSION POUR ÉQUIPEMENT DE GÉNIE MARITIME

Publication

EP 2669174 A1 20131204 (EN)

Application

EP 11875748 A 20111216

Priority

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Abstract (en)

A large-size floating state manufacturing method for marine engineering equipment comprises: using a submersible long working platform (5) as a floating platform for constructing marine engineering equipment, each section of a bottom layer block (1) being carried and integrated on the working platform; submerging the submersible long working platform (5) after the bottom layer block (1) is constructed, so as to use the buoyancy of water to make the bottom layer block (1) be separated from the working platform (5) and go into the water; and then, using the bottom layer block (1) as the floating platform, and constructing a main hull (2, 3) and a deck (4) of the marine engineering platform and performing outfitting thereon. In the method, manufacturing is performed in sections in allowance-free sectional construction manner on the floating working platform, and then superposition is performed layer by layer; in the manufacturing process, dynamic measurement and anti-deformation control technologies are adopted, so as to ensure quality and precision of floating state manufacturing, and finally realize construction of large-scale marine engineering equipment.

IPC 8 full level

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