

# CPC COOPERATIVE PATENT CLASSIFICATION

## B PERFORMING OPERATIONS; TRANSPORTING (NOTES omitted)

### TRANSPORTING

## B63 SHIPS OR OTHER WATERBORNE VESSELS; RELATED EQUIPMENT

### B63J AUXILIARIES ON VESSELS

#### NOTES

1. In this subclass, the following term is used with the meaning indicated:
  - "auxiliaries" means only apparatus specially arranged for rendering vessels, in general, habitable or operative, insofar as such apparatus is not specifically provided for in another subclass of class [B63](#)
2. In this subclass, the indexing codes [B63B 2201/00](#) - [B63B 2241/00](#) are to be used for relevant technical information concerning particular or unusual use, materials, design, methods or means.

#### WARNINGS

1. In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.
2. Groups [B63J 1/00](#) - [B63J 2099/008](#) are incomplete pending reclassification of documents from groups [B63B 2701/00](#) - [B63B 2770/00](#).  
All groups listed in this Warning should be considered in order to perform a complete search.

<b>1/00</b>	<b>Arrangements of installations for producing fresh water, e.g. by evaporation and condensation of sea water {(treatment of water in general <a href="#">C02F</a>)}</b>	3/02	• from propulsion power plant
		3/04	• from power plant other than propulsion power plant
		<b>2003/043</b>	• • {using shore connectors for electric power supply from shore-borne mains, or other electric energy sources external to the vessel, e.g. for docked, or moored vessels}
<b>2/00</b>	<b>Arrangements of ventilation, heating, cooling, or air-conditioning (for submarines <a href="#">B63G 8/00</a>; ventilating for cleaning tanks <a href="#">B63B 57/04</a>; for vehicles in general <a href="#">B60H</a>)</b>	<b>2003/046</b>	• • {using wind or water driven turbines or impellers for power generation}
<b>2002/005</b>	• {Intakes for coolant medium other than sea chests, e.g. for ambient water}	<b>4/00</b>	<b>Arrangements of installations for treating {ballast water,} waste water, sewage, {sludge, or refuse}, or for preventing environmental pollution not otherwise provided for; ({centrifugal bilge-water separators <a href="#">B04</a>; discharge of refuse, e.g. for ash <a href="#">B63B 17/06</a>; arrangements on tanks for fuel or the like for minimizing pollution by accidents <a href="#">B63B 17/0036</a>, associated with cargo tanks <a href="#">B63B 25/082</a>; vessels for collecting pollution from open water <a href="#">B63B 35/30</a>;} soil-water discharges <a href="#">B63B 29/16</a>; {treating waste water, sewage, or sludge, in general, <a href="#">C02F</a>; cleaning or keeping clear the surface of open water, in general <a href="#">E02B 15/00</a>)}</b>
2/02	• Ventilation; Air-conditioning		
2/04	• • of living spaces		
2/06	• • of engine rooms		
2/08	• • of holds (heating or cooling of liquid-freight-carrying tanks <a href="#">B63J 2/14</a> ; arrangements for stowing frozen goods in vessels <a href="#">B63B 25/26</a> )		
2/10	• • Ventilating-shafts; Air-scoops (for port-holes <a href="#">B63B 19/04</a> )		
2/12	• Heating; Cooling		
<b>2002/125</b>	• • {making use of waste energy}		
2/14	• • of liquid-freight-carrying tanks		
<b>3/00</b>	<b>Driving of auxiliaries (transmission elements <a href="#">per se</a> <a href="#">F16</a>)</b>	4/002	• {for treating ballast water}
		4/004	• {for treating sludge, e.g. tank washing sludge}
<b>2003/001</b>	• {characterised by type of power supply, or power transmission, e.g. by using electric power or steam}	4/006	• {for treating waste water or sewage}
<b>2003/002</b>	• • {by using electric power}	<b>2004/008</b>	• {by using dust separation, e.g. during loading}
<b>2003/003</b>	• • • {using photovoltaic power generation, e.g. using solar panels}	<b>99/00</b>	<b>Subject matter not provided for in other groups of this subclass</b>
<b>2003/005</b>	• • {by using mechanical power transmission, e.g. gearings}	<b>2099/001</b>	• {Burning of transported goods, e.g. fuel, boil-off or refuse}
<b>2003/006</b>	• • {by using hydraulic power transmission}	<b>2099/003</b>	• • {of cargo oil or fuel, or of boil-off gases, e.g. for propulsive purposes}
<b>2003/007</b>	• • {by using a gas, other than steam, as power transmission medium, e.g. for pneumatic power transmission}	<b>2099/005</b>	• • {of refuse}
<b>2003/008</b>	• • {by using steam}	<b>2099/006</b>	• {Use of computers for particular ship-related tasks, or the like, e.g. for evaluating state variables}

- 2099/008 . . {for evaluating navigational state variables, e.g. speed, distance, wind parameters, or the like}