

**CPC****COOPERATIVE PATENT CLASSIFICATION****B63J****AUXILIARIES ON VESSELS****NOTE**

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](#)

In this subclass, the indexing codes [B63B 2201/00](#) to [B63B 2241/00](#) are to be used for relevant technical information concerning particular or unusual use, materials, design, methods or means.

**Guidance heading:**

**B63J 1/00** Arrangements of installations for producing fresh water, e.g. by evaporation and condensation of sea water { (treatment of water in general [C02F](#) ) }

**B63J 2/00** Arrangements of ventilation, heating, cooling, or air-conditioning (for submarines [B63G 8/00](#); ventilating for cleaning tanks [B63B 57/04](#); for vehicles in general [B60H](#) )

- B63J 2/02 . Ventilation; Air-conditioning
- B63J 2/04 . . of living spaces
- B63J 2/06 . . of engine rooms
- B63J 2/08 . . of holds (heating or cooling of liquid-freight-carrying tanks [B63J 2/14](#); arrangements for stowing frozen goods in vessels [B63B 25/26](#))
- B63J 2/10 . . Ventilating-shaft; Air-scoops (for port-holes [B63B 19/04](#))
- B63J 2/12 . Heating; Cooling
- B63J 2/14 . . of liquid-freight-carrying tanks

**B63J 3/00** Driving of auxiliaries (transmission elements per se [F16](#) )

**WARNING**

[B63J 3/00](#) and subgroups are not complete pending a reclassification; see also group [B63J 99/00](#)

- B63J 3/02 . from propulsion power plant
- B63J 3/04 . from power plant other than propulsion power plant

**B63J 4/00** 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 [B04](#) ; discharge of refuse, e.g. for ash

[17/06](#) ; arrangements on tanks for fuel or the like for minimizing pollution by accidents [B63B 17/0036](#), associated with cargo tanks [B63B 25/082](#); vessels for collecting pollution from open water [B63B 35/30](#); } soil-water discharges [B63B 29/16](#) ; { treating waste water, sewage, or sludge, in general, [C02F](#) ; cleaning or keeping clear the surface of open water, in general [E02B 15/00](#) }

### **WARNING**

[B63J 4/00](#) is not complete pending a reclassification; see also groups [B63B 13/00](#), [B63B 17/00](#), [B63B 29/16](#), [B63J 99/00](#)

[B63J 4/002](#) . { for treating ballast water }

[B63J 4/004](#) . { for treating sludge, e.g. tank washing sludge }

[B63J 4/006](#) . { for treating waste water or sewage }

**[B63J 99/00](#)** Subject matter not provided for in other groups of this subclass

### **WARNING**

This group is pending a reorganisation; also documents covered by groups [B63B 17/00](#), [B63J 3/00](#), [B63J 4/00](#), and subgroups are within this group

### **Guidance heading:**

**[B63J 2002/00](#)** Arrangements of ventilation, heating, cooling, or air-conditioning (for submarines [B63G 8/00](#); ventilating for cleaning tanks [B63B 57/04](#); for vehicles in general [B60H](#) )

[B63J 2002/005](#) . Intakes for coolant medium other than sea chests, e.g. for ambient water

[B63J 2002/12](#) . Heating; Cooling

[B63J 2002/125](#) . . making use of waste energy

**[B63J 2003/00](#)** Driving of auxiliaries (transmission elements per se [F16](#) )

### **WARNING**

[B63J 3/00](#) and subgroups are not complete pending a reclassification; see also group [B63J 99/00](#)

[B63J 2003/001](#) . characterised by type of power supply, or power transmission, e.g. by using electric power or steam

[B63J 2003/002](#) . . by using electric power

[B63J 2003/003](#) . . . using photovoltaic power generation, e.g. using solar panels

[B63J 2003/005](#) . . by using mechanical power transmission, e.g. gearings

[B63J 2003/006](#) . . by using hydraulic power transmission

- B63J 2003/007 . . by using a gas, other than steam, as power transmission medium, e.g. for pneumatic power transmission
- B63J 2003/008 . . by using steam
- B63J 2003/04 . from power plant other than propulsion power plant
- B63J 2003/043 . . 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
- B63J 2003/046 . . using wind or water driven turbines or impellers for power generation
- B63J 2004/00** **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 [B04](#) ; discharge of refuse, e.g. for ash [B63B 17/06](#) ; arrangements on tanks for fuel or the like for minimizing pollution by accidents [B63B 17/0036](#), associated with cargo tanks [B63B 25/082](#); vessels for collecting pollution from open water [B63B 35/30](#); } soil-water discharges [B63B 29/16](#) ; { treating waste water, sewage, or sludge, in general, [C02F](#) ; cleaning or keeping clear the surface of open water, in general [E02B 15/00](#) }**
- WARNING**
- [B63J 4/00](#) is not complete pending a reclassification; see also groups [B63B 13/00](#), [B63B 17/00](#), [B63B 29/16](#), [B63J 99/00](#)
- B63J 2004/008 . by using dust separation, e.g. during loading
- B63J 2099/00** **Subject matter not provided for in other groups of this subclass**
- WARNING**
- This group is pending a reorganisation; also documents covered by groups [B63B 17/00](#), [B63J 3/00](#), [B63J 4/00](#), and subgroups are within this group
- B63J 2099/001 . Burning of transported goods, e.g. fuel, boil-off or refuse
- B63J 2099/003 . . of cargo oil or fuel, or of boil-off gases, e.g. for propulsive purposes
- B63J 2099/005 . . of refuse
- B63J 2099/006 . Use of computers for particular ship-related tasks, or the like, e.g. for evaluating state variables
- B63J 2099/008 . . for evaluating navigational state variables, e.g. speed, distance, wind parameters, or the like