

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.

1/00	Arrangements of installations for producing fresh water, e.g. by evaporation and condensation of sea water {(treatment of water in general C02F)}	3/02	• from propulsion power plant
		3/04	• from power plant other than propulsion power plant
		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}
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)	2003/046	• • {using wind or water driven turbines or impellers for power generation}
2002/005	• {Intakes for coolant medium other than sea chests, e.g. for ambient water}	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 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)}
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 B63J 2/14 ; arrangements for stowing frozen goods in vessels B63B 25/26)		
2/10	• • Ventilating-shafts; Air-scoops (for port-holes B63B 19/04)		
2/12	• Heating; Cooling		
2002/125	• • {making use of waste energy}		
2/14	• • of liquid-freight-carrying tanks		
3/00	Driving of auxiliaries (transmission elements per se F16)	4/002	• {for treating ballast water}
		4/004	• {for treating sludge, e.g. tank washing sludge}
2003/001	• {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}
2003/002	• • {by using electric power}	2004/008	• {by using dust separation, e.g. during loading}
2003/003	• • • {using photovoltaic power generation, e.g. using solar panels}	99/00	Subject matter not provided for in other groups of this subclass
2003/005	• • {by using mechanical power transmission, e.g. gearings}	2099/001	• {Burning of transported goods, e.g. fuel, boil-off or refuse}
2003/006	• • {by using hydraulic power transmission}	2099/003	• • {of cargo oil or fuel, or of boil-off gases, e.g. for propulsive purposes}
2003/007	• • {by using a gas, other than steam, as power transmission medium, e.g. for pneumatic power transmission}	2099/005	• • {of refuse}
2003/008	• • {by using steam}	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}