SECTION B — PERFORMING OPERATIONS; TRANSPORTING

B67 OPENING OR CLOSING BOTTLES, JARS OR SIMILAR CONTAINERS; LIQUID HANDLING

B67D DISPENSING, DELIVERING, OR TRANSFERRING LIQUIDS, NOT OTHERWISE PROVIDED FOR (cleaning pipes or tubes or systems of pipes or tubes B08B 9/02; emptying or filling of bottles, jars, cans, casks, barrels, or similar containers, not otherwise provided for B67C; water supply E03; pipe systems F17D; domestic hot-water supply systems F24D; measuring volume, volume flow, mass flow or liquid level, metering by volume G01F; coin-freed or like apparatus G07F) **[5]**

1/00 Apparatus or devices for dispensing beverages on draught (B67D 3/00 takes precedence; apparatus for making beverages A47J 31/00) **[3]**

1/02 • Beer engines or like manually-operable pumping apparatus

1/04 • Apparatus utilising compressed air or other gas acting directly or indirectly on beverages in storage containers

1/06 • Mountings or arrangements of dispensing apparatus in or on shop or bar counters (shop or bar counters per se A47F 9/00)

1/07 • Cleaning beverage-dispensing apparatus **[5]**

1/08 • Details

1/10 • • Pump mechanisms (in general F04)

1/12 • • Flow- or pressure-control devices or systems

1/14 • • • Reducing valves or control taps

1/16 • • Devices for collecting spilled beverages

3/00 Apparatus or devices for controlling flow of liquids under gravity from storage containers for dispensing purposes (separating and dispensing metered quantities of liquids G01F)

3/02 • Liquid-dispensing valves having operating members arranged to be pressed upwards, e.g. by the rims of receptacles held below the delivery orifice

3/04 • Liquid-dispensing taps or cocks adapted to seal and open tapping-holes of casks, e.g. for beer

7/00 Apparatus or devices for transferring liquids from bulk storage containers or reservoirs into vehicles or into portable containers, e.g. for retail sale purposes (general disposition of plant in stations for supplying fuel to vehicles B60S 5/02; for filling or emptying locomotive water tanks, e.g. water columns, B61K 11/00; for refuelling aircraft during flight B64D 39/00; liquid-handling ground installations specially adapted for fuelling stationary aircraft B64F 1/28) **[2010.01]**

7/02 • for transferring liquids other than fuel or lubricants **[2010.01]**

7/04 • for transferring fuels, lubricants or mixed fuels and lubricants **[2010.01]**

7/06 • Details or accessories **[2010.01]**

7/08 • • Arrangements of devices for controlling, indicating, metering or registering quantity or price of liquid transferred (arrangement of flow- or pressure-control valves B67D 7/36; computing, calculating, counting G06; coin-freed apparatus for dispensing fluids G07F 13/00; prepayment devices for metering liquids G07F 15/00) **[2010.01]**

7/10 • • • operated by keys, push-buttons or cash registers **[2010.01]**

7/12 • • • operated by movement of delivery hose or nozzle or by devices associated therewith **[2010.01]**

7/14 • • • responsive to input of recorded programmed information, e.g. on punched cards **[2010.01]**

7/16 • • • Arrangements of liquid meters **[2010.01]**

7/18 • • • • of piston type **[2010.01]**

7/20 • • • • of rotary type **[2010.01]**

7/22 • • • Arrangements of indicators or registers (indicating or recording in fluid meters G01F 15/06) **[2010.01]**

7/24 • • • • with means for producing or issuing a receipt or record of sale **[2010.01]**

7/26 • • • • with resetting or zeroing means **[2010.01]**

7/28 • • • with automatic means for reducing or intermittently interrupting flow before completion of delivery, e.g. to produce dribble feed **[2010.01]**

7/30 • • • with means for predetermining quantity of liquid to be transferred (B67D 7/10, B67D 7/14 take precedence) **[2010.01]**

7/32 • • Arrangements of safety or warning devices; Means for preventing unauthorised delivery of liquid **[2010.01]**

7/34 • • • Means for preventing unauthorised delivery of liquid **[2010.01]**

7/36 • • Arrangements of flow- or pressure-control valves (associated with nozzles B67D 7/42) **[2010.01]**

7/38 • • Arrangements of hoses, e.g. operative connection with pump motor (hoses in general F16L 11/00) **[2010.01]**

7/40 • • • Suspending, reeling or storing devices (supports for storing lengths of hoses, in general B65H 75/34) **[2010.01]**

7/42 • • Filling nozzles **[2010.01]**

7/44 • • • automatically closing **[2010.01]**

7/46 • • • • when liquid in container to be filled reaches a predetermined level **[2010.01]**

7/48 • • • • • by making use of air suction through an opening closed by the rising liquid **[2010.01]**

7/50 • • • • and provided with an additional hand lever **[2010.01]**

7/52 • • • • and provided with additional flow-controlling valve means **[2010.01]**

7/54 • • • with means for preventing escape of liquid or vapour or for recovering escaped liquid or vapour (B67D 7/44 takes precedence) **[2010.01]**

7/56 • • Arrangements of flow-indicators, e.g. transparent compartments, windows, rotary vanes (indicating or recording presence, absence or direction of movement G01P 13/00) **[2010.01]**

7/58 • • Arrangements of pumps **[2010.01]**

7/60 • • • manually operable **[2010.01]**

7/62 • • • power operated **[2010.01]**

7/64 • • • • of piston type **[2010.01]**

7/66 • • • • of rotary type **[2010.01]**

7/68 • • • submerged in storage tank or reservoir **[2010.01]**

7/70 • • • of two or more pumps in series or parallel **[2010.01]**

7/72 • • Devices for applying air or other gas pressure for forcing liquid to delivery point **[2010.01]**

7/74 • • Devices for mixing two or more different liquids to be transferred (coin-freed apparatus G07F 13/06) **[2010.01]**

7/76 • • Arrangements of devices for purifying liquids to be transferred, e.g. of filters, of air or water separators **[2010.01]**

7/78 • • Arrangements of storage tanks, reservoirs or pipe-lines **[2010.01]**

7/80 • • Arrangements of heating or cooling devices for liquids to be transferred **[2010.01]**

7/82 • • • Heating only **[2010.01]**

7/84 • • Casings, cabinets or frameworks; Trolleys or like movable supports **[2010.01]**

7/86 • • Illuminating arrangements **[2010.01]**

9/00 **Apparatus or devices for transferring liquids when loading or unloading ships** (ship-based equipment B63B 27/00) **[2010.01]**

9/02 • using articulated pipes **[2010.01]**

99/00 **Subject matter not provided for in other groups of this subclass [2010.01]**