SECTION B — PERFORMING OPERATIONS; TRANSPORTING

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

B67C FILLING WITH LIQUIDS OR SEMILIQUIDS, OR EMPTYING, OF BOTTLES, JARS, CANS, CASKS, BARRELS, OR SIMILAR CONTAINERS, NOT OTHERWISE PROVIDED FOR; FUNNELS

Subclass index

BOTTLES
Filling; emptying.....3/00, 9/00
Combined operations.....7/00
JARS, CANS, CASKS
Filling; emptying.....3/00, 9/00
FUNNELS.....11/00

3/00 **Bottling liquids or semiliquids; Filling jars or cans with liquids or semiliquids using bottling or like apparatus; Filling casks or barrels with liquids or semiliquids** (filling containers with liquids or semiliquids using apparatus other than bottling or like apparatus B65B 3/00)

3/02 • Bottling liquids or semiliquids; Filling jars or cans with liquids or semiliquids using bottling or like apparatus

3/04 • • without applying pressure

3/06 • • using counterpressure, i.e. filling while the container is under pressure

3/08 • • • and subsequently lowering the counterpressure

3/10 • • • preliminary filling with inert gases, e.g. carbon dioxide

3/12 • • • Pressure-control devices

3/14 • • • specially adapted for filling with hot liquids

3/16 • • using suction

3/18 • • using siphoning arrangements

3/20 • • with provision for metering the liquids to be introduced, e.g. when adding syrups (measuring volume, or volume flow, in general G01F)

3/22 • • Details

3/24 • • • Devices for supporting or handling bottles (transport or storing devices in general B65G)

3/26 • • • Filling-heads; Means for engaging filling-heads with bottle necks

3/28 • • • Flow-control devices, e.g. using valves (valves in general F16K)

3/30 • Filling of barrels or casks

3/32 • • using counterpressure, i.e. filling while the container is under pressure

3/34 • • Devices for engaging filling-heads with filling-apertures

7/00 **Concurrent cleaning, filling, and closing of bottles; Processes or devices for at least two of these operations**

9/00 **Emptying bottles, jars, cans, casks, barrels, or similar containers, not otherwise provided for** (devices for tilting and emptying containers B65G 65/23) **[3]**

11/00 **Funnels, e.g. for liquids** (filter funnels B01D 29/085; volume-flow meters G01F)

11/02 • without discharge valves

11/04 • with non-automatic discharge valves

11/06 • with automatic discharge valves