

## 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

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| <p><b>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</b> (filling containers with liquids or semiliquids using apparatus other than bottling or like apparatus B65B 3/00)</p> | <p>3/26 • • • Filling-heads; Means for engaging filling-heads with bottle necks</p>   |
| <p>3/02 • Bottling liquids or semiliquids; Filling jars or cans with liquids or semiliquids using bottling or like apparatus</p>   | <p>3/28 • • • Flow-control devices, e.g. using valves (valves in general F16K)</p>  |
| <p>3/04 • • without applying pressure</p>  | <p>3/30 • Filling of barrels or casks</p>   |
| <p>3/06 • • using counterpressure, i.e. filling while the container is under pressure</p>  | <p>3/32 • • using counterpressure, i.e. filling while the container is under pressure</p>   |
| <p>3/08 • • • and subsequently lowering the counterpressure</p>  | <p>3/34 • • Devices for engaging filling-heads with filling-apertures</p>   |
| <p>3/10 • • • preliminary filling with inert gases, e.g. carbon dioxide</p>  | <p><b>7/00 Concurrent cleaning, filling, and closing of bottles; Processes or devices for at least two of these operations</b></p>  |
| <p>3/12 • • • Pressure-control devices</p>   | <p><b>9/00 Emptying bottles, jars, cans, casks, barrels, or similar containers, not otherwise provided for</b> (devices for tilting and emptying containers B65G 65/23) [3]</p> |
| <p>3/14 • • • specially adapted for filling with hot liquids</p>   | <p><b>11/00 Funnels, e.g. for liquids</b> (filter funnels B01D 29/085; volume-flow meters G01F)</p>   |
| <p>3/16 • • using suction</p>  | <p>11/02 • without discharge valves</p>   |
| <p>3/18 • • using siphoning arrangements</p>   | <p>11/04 • with non-automatic discharge valves</p>  |
| <p>3/20 • • with provision for metering the liquids to be introduced, e.g. when adding syrups (measuring volume, or volume flow, in general G01F)</p>  | <p>11/06 • with automatic discharge valves</p>  |
| <p>3/22 • • Details</p>  |   |
| <p>3/24 • • • Devices for supporting or handling bottles (transport or storing devices in general B65G)</p>  |   |