

Title (en)
Device for making and dispensing foam.

Title (de)
Vorrichtung zum Erzeugen und Abgeben von Schaum.

Title (fr)
Dispositif de production et de distribution de mousse.

Publication
EP 0530570 B1 19950308 (DE)

Application
EP 92113951 A 19920817

Priority
CH 252791 A 19910828

Abstract (en)
[origin: US5255851A] Fitted into the neck (14) of a container (16) is a securing part (12), in the central opening (20) of which there is located the mixer part (26) with mixing chambers (38, 40), covered over by a screen-like refining element (48). Arranged on the refining element (48) is a disk-like valve body (58), which interacts with a ring-like valve seat (60). For discharging foam, the actuating element (70) is pressed down, until the stop (78) bears against the counter-stop (78'). As a result, the valve body (58) reaches the open position, with simultaneous bending of the refining element (48), and air is forced through the air passages (32) and liquid is forced through the liquid passage (34) into the mixing chambers (38, 40) by virtue of the positive pressure in the container (16). The foam formed there is refined upon flowing through the refining element (48). On the way to the outlet (92), the defined passage (74), the fins (68, 102), the ribs (72'), the screen (86) as well as chicanes in the annular channel (96) ensure optimum foam formation and retarding of the foam, so that the positive pressure in the container (16) does not drop abruptly when the valve arrangement is opened.

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B05B 7/00

IPC 8 full level
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CPC (source: EP US)
B05B 7/0037 (2013.01 - EP US); **B65D 83/20** (2013.01 - EP US); **B65D 83/754** (2013.01 - EP US)

Cited by
US5725155A; WO9428759A1; WO9429031A1

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