

Title (en)  
Dispensing assembly with a variable volume compression chamber and a membrane

Title (de)  
Abgabevorrichtung mit einer volumenveränderlichen membranartigen Druckkammer

Title (fr)  
Ensemble de distribution à chambre de compression à volume variable à membrane

Publication  
**EP 0649683 B1 19980708 (FR)**

Application  
**EP 94402305 A 19941014**

Priority  
FR 9312642 A 19931022

Abstract (en)  
[origin: EP0649683A1] The dispensing assembly includes a container (8) containing the product, a dispensing head (20) having a dispensing channel (21), a flexible membrane (30) having a dome-shaped part (32) which defines, in the dispensing head (20), a variable-volume compression chamber (50) in communication with the container (8); an inlet valve (133) is placed in this communication and only allows the product to pass from the container (1) to the compression chamber (50); the said flexible membrane (30) is held on the dispensing head (20) by a fixing element consisting of a ring (40) having an opening (42) from which the compression dome (32) of the flexible membrane (30) emerges. The ring (40) has an annular projection (41) surrounding the said opening (42), the dispensing head (20) being provided with an annular groove (25) receiving an annular groove (34) which the flexible membrane (30) possesses and which surrounds the compression dome (32) of the flexible membrane (30), the annular projection (41) of the ring (40) being forcibly inserted into the annular groove (34) of the flexible membrane (30). <IMAGE>

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**B05B 11/00**; **B65D 47/34**

IPC 8 full level  
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CPC (source: EP US)  
**B05B 11/1032** (2023.01 - EP US); **B05B 11/1033** (2023.01 - EP US)

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