

Title (en)  
Dispensing assembly with controlled suction of air

Title (de)  
Abgabevorrichtung mit gesteuertem Luftansaugung

Title (fr)  
Ensemble de distribution à reprise d'air commandée

Publication  
**EP 0649684 B1 19990526 (FR)**

Application  
**EP 94402327 A 19941018**

Priority  
FR 9312641 A 19931022

Abstract (en)  
[origin: EP0649684A2] Assembly for dispensing a liquid-to-pasty product, which includes a container (8) holding the product, a dispensing head (20) having a dispensing channel (21), the container (1) consisting of a material having a rigidity such that the dispensing of the product requires air uptake by the container, a pumping member having two valves, an inlet valve (33) and a dispensing valve (31), being provided for dispensing the product, the two-valve pumping member being of the type without air uptake: means being provided for establishing or preventing, at will, air uptake by the container (8). The dispensing head (20) possesses a plane bearing surface (20A) provided with a flexible diaphragm (30) defining a springy leaf (31) applied against the end of the plane part (20A) into which the dispensing channel (21) emerges. <IMAGE>

IPC 1-7  
**B05B 11/00**; **B65D 47/34**

IPC 8 full level  
**A45D 34/00** (2006.01); **B05B 11/00** (2006.01); **B65D 47/34** (2006.01)

CPC (source: EP US)  
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Cited by  
EP0733559A1; FR3063661A1; RU2759648C2; EP0888823A1; FR2765560A1; US6070763A; US10215606B2; WO2004080607A1; US10821456B2; WO2016083559A1; WO9726998A3; WO2018162850A1; WO2004073877A1; US7357335B2; US7757970B2; US7775461B2

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