

Title (en)  
Dispensing pump

Title (de)  
Pumpenspender

Title (fr)  
Distributeur à pompe

Publication  
**EP 1249278 A1 20021016 (EN)**

Application  
**EP 01830249 A 20010410**

Priority  
EP 01830249 A 20010410

Abstract (en)  
The dispensing pump (1) comprises a hollow body (3) defining a suction and compression chamber (4) for fluid (F) to be delivered, communicating with the inner room of container (C) through a suction duct (4a). A first tight piston (5) is slidingly coupled to the hollow body and is slidingly and coaxially coupled to an end (6) of a second piston (7), internally provided a tubular chamber (8). Passage of fluid through a hole (13) is intercepted through a first shaped rim belonging to the first piston and sealingly coupled according to the mutual position of the two pistons with a corresponding second shaped rim of the second piston. There are at least two discreet annular sealing zones between the two rims.

IPC 1-7  
**B05B 11/00**

IPC 8 full level  
**B05B 1/00** (2006.01); **B05B 11/00** (2006.01)

CPC (source: EP)  
**B05B 11/1023** (2023.01); **B05B 11/1077** (2023.01)

Citation (search report)  
• [X] FR 2776633 A1 19991001 - VALOIS SA [FR]  
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• [X] FR 2792553 A1 20001027 - VALOIS SA [FR]  
• [X] DE 29908586 U1 19990805 - SEQUIST PERFECT DISPENSING [DE]  
• [A] EP 0547439 A1 19930623 - SAR SPA [IT]

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DOCDB simple family (publication)  
**EP 1249278 A1 20021016**; AU 2002253430 A1 20021028; DE 60202359 D1 20050127; DE 60202359 T2 20060119; EP 1379336 A2 20040114; EP 1379336 B1 20041222; ES 2235032 T3 20050701; WO 02083318 A2 20021024; WO 02083318 A3 20021212

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