

Title (en)  
Dispensing systems

Title (de)  
Abgabesysteme

Title (fr)  
Système de distribution

Publication  
**EP 0899206 A1 19990303 (EN)**

Application  
**EP 98306300 A 19980806**

Priority  
GB 9718007 A 19970826

Abstract (en)  
A dispensing system suitable for dispensing thick flowable products such as cosmetics and pharmaceutical creams. A pumping arrangement(10) is mounted through the cover(2) of a container (1). An annular follower plate(5) lies on top of the product mass in the container and follows it down as dispensing proceeds, to ensure clearance of the container. Product is drawn to the pump through feed tube(32) leading to an inlet valve(4). A single tube(3) serves the functions of the feed tube(32), the wall of the pump chamber(66) and the axial guide for the follower plate(5), through whose central opening(52) it passes. <IMAGE>

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

IPC 8 full level  
**B05B 11/00** (2006.01); **B05B 15/30** (2018.01); **B65D 47/34** (2006.01); **B05B 15/00** (2006.01)

CPC (source: EP)  
**B05B 11/029** (2023.01); **B05B 11/1001** (2023.01); **B05B 15/30** (2018.01)

Citation (applicant)  
EP 0765690 A1 19970402 - ENGLISH GLASS CO LTD [GB]

Citation (search report)  
• [X] GB 959835 A 19640603 - COUNTY LAB LTD  
• [AD] EP 0765690 A1 19970402 - ENGLISH GLASS CO LTD [GB]  
• [A] FR 2546483 A1 19841130 - AEROSOL INVENTIONS DEV [CH]  
• [A] EP 0193054 A1 19860903 - PFEIFFER ERICH GMBH & CO KG [DE], et al  
• [A] WO 9425175 A1 19941110 - VALOIS SA [FR], et al  
• [A] US 4691849 A 19870908 - TADA ATSUSHI [JP]  
• [A] EP 0499538 A1 19920819 - AEROSOLS & BOUCHAGE [FR]

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Designated contracting state (EPC)  
DE ES FR GB IT NL SE

DOCDB simple family (publication)  
**EP 0899206 A1 19990303**; **EP 0899206 B1 20000308**; DE 69800089 D1 20000413; DE 69800089 T2 20000914; ES 2146123 T3 20000716; GB 9718007 D0 19971029

DOCDB simple family (application)  
**EP 98306300 A 19980806**; DE 69800089 T 19980806; ES 98306300 T 19980806; GB 9718007 A 19970826