

Title (en)

Pump dispenser having vertical plunger with molded outlet check seat

Title (de)

Pumpenspender mit einem senkrechten Kolben ,der mit einem geformten Sitz für das Auslassventil versehen ist

Title (fr)

Distributeur à pompe comprenant un piston vertical muni d'un siège moulé pour la valve de sortie

Publication

EP 1075874 A2 20010214 (EN)

Application

EP 00116250 A 20000808

Priority

US 36987299 A 19990809

Abstract (en)

One-piece tubular plunger (14) has outlet valve compartment (72) comprising a hollow barrel (73) having an annular lip (74) at its lower end. The lip (74) forms a seat for the outlet ball check (82). Ribs (66A) extend inward to meet and reinforce the barrel above the lip (74). <IMAGE>

IPC 1-7

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

IPC 8 full level

B05B 11/00 (2006.01); **B65D 47/34** (2006.01)

CPC (source: EP)

B05B 11/0064 (2013.01); **B05B 11/1001** (2023.01)

Citation (applicant)

- US 3062416 A 19621106 - COOPRIDER REX C
- US 6053371 A 20000425 - DURLIAT LEONORA M [US], et al

Cited by

DE102008027987A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 1075874 A2 20010214; **EP 1075874 A3 20030521**; AU 5052200 A 20010215; CA 2314600 A1 20010209; JP 2001070844 A 20010321

DOCDB simple family (application)

EP 00116250 A 20000808; AU 5052200 A 20000803; CA 2314600 A 20000727; JP 2000240823 A 20000809