

Title (en)  
SPRAY PUMP WITH CONTAINER CONNECTOR

Publication  
**EP 0165949 B1 19890322 (DE)**

Application  
**EP 85900050 A 19841130**

Priority  
• DE 8335862 U 19831214  
• DE 8431062 U 19841023

Abstract (en)  
[origin: WO8502563A1] In a spray pump with container connector, the actuation of a pump piston (5') displaceable in a case bore (17'), on the rod (51') of which there is provided a crown-shaped lip seal (53'), enables the release or closure of a venting to the atmosphere for the container connector (24'). Before actuating the piston (5'), said lip seal (53') is arranged tight against a flat segment (19') of the casing bore (17'). The displacement of the piston (5') in the pumping direction causes the opening of a slot between the lip seal (53') and the inner wall of the bore.

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

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

IPC 8 main group level  
**B05B** (2006.01)

CPC (source: EP US)  
**B05B 11/0044** (2018.08 - EP US); **B05B 11/1001** (2023.01 - EP US); **B05B 11/1015** (2023.01 - EP US); **B05B 11/0062** (2013.01 - EP US)

Cited by  
KR101247574B1

Designated contracting state (EPC)  
FR

DOCDB simple family (publication)  
**WO 8502563 A1 19850620**; DE 3490544 D2 19851128; DK 368185 A 19850813; DK 368185 D0 19850813; EP 0165949 A1 19860102; EP 0165949 B1 19890322; ES 283391 U 19860201; ES 283391 Y 19860901; GB 2162594 A 19860205; GB 2162594 B 19870715; GB 8519231 D0 19850904; IT 8424065 A0 19841214; NL 8420310 A 19851101; US 4728009 A 19880301

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**DE 8400257 W 19841130**; DE 3490544 T 19841130; DK 368185 A 19850813; EP 85900050 A 19841130; ES 283391 U 19841213; GB 8519231 A 19841130; IT 2406584 A 19841214; NL 8420310 A 19841130; US 76811785 A 19850813