

Title (en)  
DISCHARGE CONTAINER

Title (de)  
AUSTRAGSBEHÄLTER

Title (fr)  
RECIPIENT D'EVACUATION

Publication  
**EP 1520631 A4 20071024 (EN)**

Application  
**EP 03736227 A 20030617**

Priority  
• JP 0307660 W 20030617  
• JP 2002200570 A 20020709

Abstract (en)  
[origin: EP1520631A1] There is disclosed a discharge container which has a simple constitution but which can secure a stable discharge state. A discharge container 1 includes a container 3 in which a solution 2 is contained, and an actuator 4, and a cylinder 5 is disposed in the container 3. The cylinder 5 includes a large-diameter portion 5a, slope portion 5c, and small-diameter portion 5b. A first piston 7 including a valve member 8 is disposed in the large-diameter portion 5a, and second piston 9 is urged by a spring 10 and disposed in the small-diameter portion 5b. For the valve member 8, protrusions 8b are formed below a valve portion 8a, and an interval hold member 11 is disposed between the valve member 8 and second piston 9. When the actuator 4 is depressed, the second piston 9 is pushed down by the solution 2 in the cylinder 5 until the protrusions 8b abut on the slope portion 5c. When the protrusions 8b abut on the slope portion 5c and are guided inwards, an interval is generated between the valve portion 8a of the valve member 8 and an inner wall of the cylinder 5, and the solution 2 is discharged from a nozzle 4a by an urging force of the spring 10. <IMAGE>

IPC 1-7  
**B05B 11/00**; B65D 47/34; B65D 83/00

IPC 8 full level  
**B65D 83/76** (2006.01); **B05B 11/00** (2006.01); **B65D 47/34** (2006.01)

CPC (source: EP)  
**B05B 11/1039** (2023.01); **B05B 11/1001** (2023.01)

Citation (search report)  
• [A] DE 1804838 A1 19700611 - SCHLOSSAR EDMUND  
• [A] US 4693675 A 19870915 - VENUS JR FRANK [US]  
• [A] US 4325499 A 19820420 - SHAY JOSEPH J  
• See references of WO 2004004920A1

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DE FR GB

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**EP 1520631 A1 20050406**; **EP 1520631 A4 20071024**; **EP 1520631 B1 20081217**; AU 2003241715 A1 20040123; AU 2003241715 B2 20070705; DE 60325363 D1 20090129; JP 2004041865 A 20040212; JP 3768461 B2 20060419; MY 134530 A 20071231; TW 200400854 A 20040116; TW I230634 B 20050411; WO 2004004920 A1 20040115

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