

Title (en)
DISCHARGE CONTAINER

Title (de)
AUSTRAGSBEHÄLTER

Title (fr)
RECIPIENT D'EVACUATION

Publication
EP 1520631 B1 20081217 (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 8 full level
B05B 11/00 (2006.01); **B65D 83/76** (2006.01); **B65D 47/34** (2006.01); **B65D 83/00** (2006.01)

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

Cited by
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