

Title (en)
PUMP DEVICE AND PUMP SYSTEM

Title (de)
PUMPVORRICHTUNG UND PUMPENSYSTEM

Title (fr)
DISPOSITIF DE POMPE ET SYSTÈME DE POMPE

Publication
EP 2816233 B1 20171018 (EN)

Application
EP 12868917 A 20120216

Priority
JP 2012001023 W 20120216

Abstract (en)
[origin: EP2816233A1] [Object] To provide a pump device capable of limiting discharge of a fluid when the operation is stopped. [Solving Means] A pump device (3) includes a casing (10), a movable member (30), a suction valve (41), a discharge valve (42), and a valve mechanism (50). The casing (10) includes a suction port (101), a discharge port (102), and a pump chamber (100). The movable member (30) is movable within the casing (10) and alternately performs suction and discharge of a fluid into and from the pump chamber (100). The discharge valve (42) is attached between the pump chamber (100) and the discharge port (102) and permits the fluid having a first pressure or higher to flow. The valve mechanism (50) is attached to the casing (10) and limits a flow of the fluid having a second pressure or lower.

IPC 8 full level
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Cited by
CN107636308A; WO2016184468A1

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