

Title (en)
FLUID CIRCULATION PUMP

Title (de)
FLUIDZIRKULATIONSPUMPE

Title (fr)
POMPE DE CIRCULATION DE FLUIDE

Publication
EP 3969754 B1 20240515 (FR)

Application
EP 20724178 A 20200513

Priority
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• EP 2020063388 W 20200513

Abstract (en)
[origin: WO2020229568A1] Fluid circulation pump (100) comprising a suction inlet (41), a delivery outlet (42) and a movable part (45) that can move in the chamber (44). The pump (100) comprises first upstream (120a) and downstream (121a) circular lips such that: - over a first portion (P1) of the movement of said movable part (45) in the chamber (44), the first upstream circular lip (120a) then allows a free flow of fluid between the first space (123a) and the suction inlet (41); and that - over a second portion (P2) of said movement, the first upstream circular lip (120a) provides sealing that prevents the flow of fluid towards the suction inlet (41), the first downstream circular lip (121a) allowing the flow of fluid from the first space (123a) towards said delivery outlet (42) and preventing the flow of fluid towards said first space (123a).

IPC 8 full level
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