

Title (en)  
FLUID CIRCULATION PUMP

Title (de)  
FLUIDZIRKULATIONS Pumpe

Title (fr)  
POMPE DE CIRCULATION DE FLUIDE

Publication  
**EP 3969754 B1 20240515 (FR)**

Application  
**EP 20724178 A 20200513**

Priority  
• FR 1905029 A 20190514  
• 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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CPC (source: EP US)  
**F04B 19/20** (2013.01 - EP); **F04B 43/0054** (2013.01 - EP); **F04B 43/028** (2013.01 - EP); **F04B 43/084** (2013.01 - EP);  
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