

Title (en)
Fluid circulation pump adapted for a household appliance

Title (de)
Für ein Haushaltsgerät angepasste Flüssigkeitszirkulationspumpe

Title (fr)
Pompe de circulation de fluides adaptée à un appareil ménager

Publication
EP 2730788 A2 20140514 (EN)

Application
EP 13382453 A 20131111

Priority
ES 201231732 A 20121112

Abstract (en)
The present invention is related to a circulation pump for a household appliance, comprising a motor body (1), a motor, a hydraulic body (3) attached to the motor body (1) and comprising an inlet (30) and an outlet (31), and closure means attached to the hydraulic body (3), a hydraulic chamber (6) where the fluid flows, which is delimited between the hydraulic body (3) and the closure means. The pump (100) comprises an impeller (4) housed in the hydraulic body (3) and rotating, causing a substantially circular flow of the fluid in the hydraulic chamber 6, and a stationary element adapted for aiding in discharging the fluid from the pump (100). The stationary element is attached to at least one of the elements delimiting the hydraulic chamber (6) and is arranged in the hydraulic chamber (6) such that it blocks or resists against the flow of the fluid.

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F04D 9/06 (2013.01 - ES); **F04D 29/426** (2013.01 - ES)

Citation (applicant)
• US 2012224957 A1 20120906 - WEBER WOLFGANG [DE], et al
• US 5451139 A 19950919 - TADIELLO ARMANDO [IT]
• US 2012224961 A1 20120906 - WEBER WOLFGANG [DE], et al

Cited by
CN109154308A; WO2019010850A1; WO2017194300A1

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