

Title (en)  
DOMESTIC APPLIANCE HAVING A LIQUID PUMP

Title (de)  
HAUSHALTSGERÄT MIT EINER FLÜSSIGKEITSPUMPE

Title (fr)  
APPAREIL MÉNAGER DOTÉ D'UNE POMPE À LIQUIDE

Publication  
**EP 2580479 B1 20161116 (DE)**

Application  
**EP 11723421 A 20110526**

Priority  
• DE 102010029889 A 20100609  
• EP 2011058612 W 20110526

Abstract (en)  
[origin: WO2011154263A1] The domestic appliance W is equipped with a liquid pump 1, wherein the liquid pump 1 has a pre-chamber 2 and a main chamber 3, wherein the pre-chamber 2 has a filling opening 4 for filling liquid K; the pre-chamber 2 and the main chamber 3 are connected to one another via a passage opening 5 which lies at a lower point than the filling opening 4; the main chamber 3 has an outlet opening for discharging the liquid K and a pressure opening 8 which is connected to an air pump 7; a valve element 9 is arranged in or with the main chamber 3, which valve element 9 is controlled by the filling level and is set up and arranged to close the passage opening 5 when a maximum filling level h<sub>max</sub> is reached in the main chamber 3; wherein at least one filling-level sensor 10 is arranged on or in the pre-chamber 2, by means of which filling-level sensor 10 the reaching of an activation level (h<sub>a</sub>) in the pre-chamber 2 can be sensed; and wherein the liquid pump 1 is set up to activate the air pump 7 for a defined time period when the activation level h<sub>a</sub> is reached.

IPC 8 full level  
**F04D 15/02** (2006.01); **D06F 58/20** (2006.01); **F04F 1/06** (2006.01); **D06F 58/34** (2020.01)

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