

Title (en)

Liquid reservoir for a home appliance having a liquid level floating element

Title (de)

Flüssigkeitsbehälter für ein Haushaltsgerät mit Flüssigstand-Schwimmelement

Title (fr)

Réservoir pour liquides pour appareil domestique doté d'un élément flottant du niveau de liquide

Publication

EP 2610398 A1 20130703 (EN)

Application

EP 11195949 A 20111228

Priority

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Abstract (en)

The invention relates to a liquid reservoir (60, 62) for a domestic home appliance, in particular for a laundry treatment apparatus or dishes treatment apparatus, wherein the liquid reservoir is adapted to store liquid therein and comprises: a floating element (116) adapted to float on the liquid in the reservoir and to indicate the liquid level at least over a portion of the liquid level range in the reservoir; and a guiding device (124) forming a cage for the floating element (116) within the liquid reservoir (60, 62) and adapted to define the movement path of the floating element during liquid level change in the liquid reservoir at least along the portion of the liquid level range. According to the invention, the liquid reservoir (60, 62) comprises a container (62) formed by or essentially formed by a front or first shell part and a rear or second shell part joined together to form the container or the essential part thereof; the guiding device (124) for guiding the floating element along its movement path during liquid level changes is formed by at least one first guiding element (68) formed at the front or first shell part (64) and by at least one second guiding element (118) formed at the rear or second shell part (66); and the first and second guiding elements (68, 118) together form the or at least a portion of the cage (124) for the floating element (116) preventing an escape of the floating element from the cage along the movement path of the floating element.

IPC 8 full level

D06F 58/24 (2006.01)

CPC (source: EP US)

D06F 58/24 (2013.01 - EP US)

Citation (applicant)

- DE 8811974 U1 19890511
- US 2010236091 A1 20100923 - DITTMER LOTHAR [DE], et al

Citation (search report)

- [A] US 2010236091 A1 20100923 - DITTMER LOTHAR [DE], et al
- [A] DE 8811974 U1 19890511
- [A] DE 3708516 A1 19880929 - BOSCH SIEMENS HAUSGERAETE [DE]

Designated contracting state (EPC)

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DOCDB simple family (publication)

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