

Title (en)

Liquid reservoir for a home appliance having a liquid level indication unit

Title (de)

Flüssigkeitsbehälter für ein Haushaltsgerät mit Flüssigkeitsstandsanzeigeeinheit

Title (fr)

Réservoir pour liquides pour appareil domestique doté d'une unité d'indication du niveau de liquide

Publication

EP 2610395 A1 20130703 (EN)

Application

EP 11195950 A 20111228

Priority

EP 11195950 A 20111228

Abstract (en)

The invention relates to a liquid reservoir (62) for a domestic home appliance, in particular for a laundry treatment apparatus or a dishes treatment machine, wherein the liquid reservoir (62) is adapted to store liquid therein and comprises: a floating element (116) adapted to float in the liquid in the reservoir (62) and to indicate the liquid level at least over a portion of the liquid level range in the reservoir (62); a guiding device (124) forming a cage for the floating element (116) within the liquid reservoir (62) and adapted to define the movement path of the floating element (116) during liquid level change in the liquid reservoir (62) at least along the portion of the liquid level range; and a liquid level indication unit having a detector unit (126) adapted to detect at least one position of the floating element (116). According to the invention at least a section of the liquid reservoir (62) comprises or is a transparent element (68) at a reservoir outer wall (64); and at least a portion of the movement path of the floating element (116) is guided by the guiding device (124) along the transparent element (68), such that the floating element (116) is visible by a user from laterally outside the liquid reservoir (62).

IPC 8 full level

D06F 34/14 (2020.01); **D06F 58/20** (2006.01); **D06F 58/24** (2006.01)

CPC (source: EP US)

D06F 34/14 (2020.02 - EP US); **D06F 58/203** (2013.01 - EP US); **D06F 58/24** (2013.01 - EP US); **D06F 2103/18** (2020.02 - EP US); **D06F 2103/58** (2020.02 - EP US); **D06F 2105/00** (2020.02 - EP US); **D06F 2105/52** (2020.02 - EP US); **D06F 2105/58** (2020.02 - EP US)

Citation (applicant)

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

Citation (search report)

- [XAY] DE 3708516 A1 19880929 - BOSCH SIEMENS HAUSGERAETE [DE]
- [YDA] DE 8811974 U1 19890511
- [YA] EP 2199453 A1 20100623 - ELECTROLUX HOME PROD CORP [BE]
- [A] EP 0731204 A1 19960911 - CANDY SPA [IT]
- [A] DE 102008006349 A1 20090730 - BSH BOSCH SIEMENS HAUSGERAETE [DE]

Cited by

CN108517668A; EP2818593A1; CN117968367A

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2610395 A1 20130703; EP 2610395 B1 20190703

DOCDB simple family (application)

EP 11195950 A 20111228