

Title (en)
DEVICE FOR ALTERING A DRINKING LIQUID

Title (de)
VORRICHTUNG ZUM VERÄNDERN EINER TRINKFLÜSSIGKEIT

Title (fr)
DISPOSITIF POUR MODIFIER UN LIQUIDE POTABLE

Publication
EP 4056081 A1 20220914 (EN)

Application
EP 21161307 A 20210308

Priority
EP 21161307 A 20210308

Abstract (en)
A device (1) for altering a liquid suitable for human consumption, wherein the liquid is comprised in a handheld container (2) provided with an opening (11) having a dimension D no greater than 80 mm, and wherein the device (1) comprises:a) a first self-supporting element (3) comprising a functional material capable of altering the liquid;b) a second element (4) dimensioned such that it can releasably hold the first self-supporting element (3), and wherein the second element (4) is provided with a first piece (5); andc) a second piece (6);wherein both the first (5) and the second (6) piece comprise a solid ferromagnetic or ferrimagnetic material, wherein at least one of the first (5) and the second (6) piece is a permanent magnet, and wherein the second element (4) is further dimensioned such that it can be inserted through the opening (11) of the handheld container (2).

IPC 8 full level
A47G 19/22 (2006.01); **B65D 23/12** (2006.01)

CPC (source: EP)
A47G 19/2205 (2013.01); **B65D 23/12** (2013.01); **A47G 2200/106** (2013.01); **B65D 2313/04** (2013.01)

Citation (applicant)

- CN 111227590 A 20200605 - ZHANG YUNLONG
- CN 111184407 A 20200522 - ZHANG YUNLONG
- CN 111227589 A 20200605 - ZHANG YUNLONG
- CN 211673583 U 20201016 - ZHEJIANG SHAOXING SUPOR DOMESTIC ELECTRICAL APPLIANCE CO LTD

Citation (search report)

- [XA] US 2006021989 A1 20060202 - FRIEDMAN DAVID [US]
- [A] DE 102016120847 B4 20201029 - VORWERK CO INTERHOLDING [DE]
- [A] CN 112167922 A 20210105 - ZHANG XULI
- [A] US 2015173413 A1 20150625 - WELLS JASON [US], et al

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 4056081 A1 20220914; EP 4304425 A1 20240117; WO 2022189342 A1 20220915

DOCDB simple family (application)
EP 21161307 A 20210308; EP 2022055719 W 20220307; EP 22711021 A 20220307