

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)  
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Designated extension state (EPC)  
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DOCDB simple family (application)  
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